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ABSTRACT

As part of an investigation of the appropriateness of the original Anchor Test Study equating results for black and Spanish-surnamed students, this Appendix lists the detailed results of the analyses for grade four, organized by vocabulary, reading comprehension, and total reading scores. For each analysis, a two-page set of results is presented. The test-pair shown in the heading is so ordered as to indicate the direction of the equivalent score transformation; i.e., actual scores on the first member of the pair were transformed to equivalent scores on the second member. The first page indicates, for each of the ethnic groups, for each of the five score sub-ranges and for the total score range, the set of descriptive statistics, including the actual N, the weighted N, the mean discrepancy, and the standard deviation. The second page contains the summary of individual comparisons of blacks vs. whites and Spanish-surnamed vs. whites at each score level included in the two-way analysis. Those instances for which the entire Spanish-surnamed group was deleted are so indicated. The highest score level was deleted in about 75 percent of the two-way analyses, and the Spanish-surnamed group in about half. It was only occasionally necessary to delete the lowest score level. The post-hoc comparisons for the one-way analyses appear below those for each score level, under the heading "total score range." (RC)

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INVESTIGATION OF THE APPROPRIATENESS OF THE ANCHOR TEST STUDY EQUATING RESULTS FOR SELECTED SUBGROUPS

APPENDIX A

FINAL REPORT

CONTRACT OEC-0-74-8611

March 1975

EDUCATIONAL TESTING SERVICE
PRINCETON, NEW JERSEY
BERKELEY, CALIFORNIA

GRADE 4

VOCABULARY

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
CAT - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	241	6	0
	WEIGHTED N	20930	812	0
	MEAN	-2.0095	-1.9764	0.0
	STAN. DEV.	3.8342	1.2007	0.0
25- 32	N	595	36	2
	WEIGHTED N	52671	3566	213
	MEAN	-0.7956	-2.6456	-1.5333
	STAN. DEV.	4.1011	3.7361	3.1255
17- 24	N	412	64	12
	WEIGHTED N	37325	5070	853
	MEAN	0.1301	-0.9001	-2.0216
	STAN. DEV.	4.8212	4.5374	3.9978
9- 16	N	270	147	5
	WEIGHTED N	24927	9047	598
	MEAN	1.8899	-0.9980	2.9244
	STAN. DEV.	5.4167	4.1946	3.2000
0- 8	N	53	40	0
	WEIGHTED N	5279	2662	0
	MEAN	4.8898	2.8314	0.0
	STAN. DEV.	5.4060	3.9212	0.0
TOTAL SCORE RANGE				
0- 40	N	1571	293	19
	WEIGHTED N	141132	21157	1664
	MEAN	-0.0438	-0.6080	-0.1816
	STAN. DEV.	4.8270	4.3710	4.3081

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
CAT - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	-2.65	-0.80	1.85	BLACK	2.342	629	36	595
17- 24	-0.90	0.13	1.03	BLACK	1.666	474	64	412
9- 16	-1.00	1.89	2.89	WHITE	6.122	415	147	270
0- 8	2.83	4.89	2.06	WHITE	2.136	91	40	53
TOTAL SCORE RANGE								
0- 40	-0.81	-0.04	0.76	BLACK	2.524	1862	293	1571

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	-0.18	-0.04	0.14	SPANISH	0.125	1588	19	1571

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
CAT - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	154	0	1
	WEIGHTED N	12518	0	104
	MEAN	-2.3202	0.0	-2.5000
	STAN. DEV.	3.4273	0.0	0.0
25- 32	N	368	5	10
	WEIGHTED N	34021	342	1014
	MEAN	-1.1028	-3.5637	-0.6712
	STAN. DEV.	4.2906	1.1085	5.4911
17- 24	N	404	17	19
	WEIGHTED N	41037	1566	2275
	MEAN	0.0732	-2.2419	-0.2018
	STAN. DEV.	4.7276	3.4262	3.9657
9- 16	N	298	50	25
	WEIGHTED N	28933	3737	2774
	MEAN	1.0124	-1.2533	0.4032
	STAN. DEV.	4.3032	4.4070	3.0707
0- 8	N	68	13	6
	WEIGHTED N	6177	1028	389
	MEAN	3.9250	2.4731	5.2797
	STAN. DEV.	3.7148	3.1628	2.5311
TOTAL SCORE RANGE				
0- 40	N	1292	85	61
	WEIGHTED N	122686	6673	6556
	MEAN	-0.0817	-1.0297	0.2704
	STAN. DEV.	4.5541	4.2222	4.0402

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
CAT - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
17- 24	-2.24	0.07	2.32	BLACK	2.097	419	17	404
9- 16	-1.25	1.01	2.27	BLACK	3.324	346	50	298
0- 8	2.47	3.93	1.45	WHITE	1.076	79	13	68
TOTAL SCORE RANGE								
0- 40	-1.03	-0.08	0.95	BLACK	1.873	1375	85	1292

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	0.27	-0.08	0.35	SPANISH	0.595	1351	61	1292

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
CAT - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	806	24	21
	WEIGHTED N	50785	1692	1279
	MEAN	-0.7993	-0.6811	-1.8267
	STAN. DEV.	3.3705	3.4029	3.9073
31- 40	N	422	70	30
	WEIGHTED N	29714	3991	2630
	MEAN	0.0161	-3.4711	0.8664
	STAN. DEV.	5.9323	6.1417	3.8279
21- 30	N	180	85	16
	WEIGHTED N	13377	5668	1376
	MEAN	1.5293	-1.1397	-0.6653
	STAN. DEV.	7.4522	7.5587	7.2120
11- 20	N	61	97	13
	WEIGHTED N	4222	6419	1362
	MEAN	3.2856	3.1526	-0.0557
	STAN. DEV.	6.3800	6.5852	7.7291
0- 10	N	8	23	2
	WEIGHTED N	543	1441	194
	MEAN	9.0611	9.2413	5.2000
	STAN. DEV.	9.1821	6.4714	4.3000
TOTAL SCORE RANGE				
0- 50	N	1477	299	82
	WEIGHTED N	98641	19211	6841
	MEAN	-0.0088	0.6292	-0.0059
	STAN. DEV.	5.3862	7.4567	5.7564

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
CAT - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
41- 50	-0.68	-0.80	0.12	WHITE	0.106	828	24	806
31- 40	-3.47	0.02	3.49	BLACK	5.015	490	70	422
21- 30	-1.14	1.53	2.67	WHITE	3.764	263	85	180
11- 20	3.15	3.29	0.13	WHITE	0.151	156	97	61
TOTAL SCORE RANGE								
0- 50	0.63	-0.01	0.64	BLACK	1.737	1774	299	1477

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
41- 50	-1.83	-0.80	1.03	SPANISH	0.863	825	21	806
31- 40	0.87	0.02	0.85	SPANISH	0.835	450	30	422
21- 30	-0.67	1.53	2.19	WHITE	1.561	194	16	180
11- 20	-0.06	3.29	3.34	WHITE	2.030	72	13	61
TOTAL SCORE RANGE								
0- 50	-0.01	-0.01	0.00	WHITE	0.004	1557	82	1477

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
CAT -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	160	1	2
	WEIGHTED N	17640	32	270
	MEAN	-1.3593	-5.8000	-2.4500
	STAN. DEV.	2.5329	0.0	0.7500
19- 24	N	445	15	10
	WEIGHTED N	45632	956	697
	MEAN	-0.3985	-2.5530	-3.0126
	STAN. DEV.	3.1581	3.2640	3.6539
13- 18	N	319	66	25
	WEIGHTED N	32519	3595	1668
	MEAN	0.4382	-1.7375	-0.5296
	STAN. DEV.	3.5735	3.8626	3.4827
7- 12	N	116	114	16
	WEIGHTED N	12146	6580	1113
	MEAN	1.9020	-0.2535	1.6933
	STAN. DEV.	4.0334	3.3190	3.4122
0- 6	N	32	68	5
	WEIGHTED N	3420	3885	443
	MEAN	4.9078	3.3059	3.8698
	STAN. DEV.	3.9216	3.9748	2.3277
TOTAL SCORE RANGE				
0- 30	N	1072	264	58
	WEIGHTED N	111357	15048	4191
	MEAN	C.1075	0.1531	-0.0109
	STAN. DEV.	3.5518	4.1437	3.8860

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VCCAB
CAT -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 24	-2.55	-0.40	2.15	BLACK	2.339	458	15	445
13- 18	-1.74	0.44	2.18	BLACK	4.586	383	66	319
7- 12	-0.25	1.90	2.16	WHITE	4.658	228	114	116
0- 6	3.31	4.91	1.60	WHITE	2.130	98	68	32
TOTAL SCORE RANGE								
0- 30	0.15	0.11	0.05	BLACK	0.180	1334	264	1072

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 30	-0.01	0.11	0.12	WHITE	0.238	1128	58	1072

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
CAT - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	157	0	1
	WEIGHTED N	12081	0	84
	MEAN	-1.8693	0.0	-2.3000
	STAN. DEV.	3.4916	0.0	0.0
28- 36	N	316	14	1
	WEIGHTED N	25892	1151	111
	MEAN	-0.8357	-3.0294	6.8000
	STAN. DEV.	5.0954	5.3796	0.0
19- 27	N	296	44	5
	WEIGHTED N	25027	3817	386
	MEAN	C.4207	-2.3782	0.3440
	STAN. DEV.	5.7380	4.6572	2.2318
10- 18	N	237	167	5
	WEIGHTED N	21313	14268	429
	MEAN	C.9645	-0.2426	-1.5869
	STAN. DEV.	5.1002	4.7757	3.6716
0- 9	N	48	60	2
	WEIGHTED N	4332	4640	241
	MEAN	3.5131	2.5292	0.9249
	STAN. DEV.	4.2351	3.2583	0.9653
TOTAL SCOPE RANGE				
0- 45	N	1054	285	14
	WEIGHTED N	88645	23876	1251
	MEAN	0.0235	-0.1797	0.1890
	STAN. DEV.	5.2180	4.8112	3.4390

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
CAT - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
28- 36	-3.03	-0.84	2.19	BLACK	1.569	328	14	316
19- 27	-2.38	0.42	2.80	BLACK	3.383	338	44	296
10- 18	-0.24	0.96	1.21	WHITE	2.333	402	167	237
0- 9	2.53	3.51	0.98	WHITE	0.992	106	60	48
TOTAL SCORE RANGE								
0- 45	-0.18	0.02	0.20	BLACK	0.594	1337	285	1054

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	0.19	0.02	0.17	SPANISH	0.120	1066	14	1054

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
CAT - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	53	0	0
	WEIGHTED N	5051	0	0
	MEAN	-1.9085	0.0	0.0
	STAN. DEV.	3.1184	0.0	0.0
25- 32	N	330	6	13
	WEIGHTED N	31168	533	781
	MEAN	-1.1914	-2.4675	-2.3592
	STAN. DEV.	3.9333	4.5938	3.0847
17- 24	N	397	35	61
	WEIGHTED N	38223	2225	2766
	MEAN	-0.0325	-1.2466	-1.4993
	STAN. DEV.	4.3716	4.7271	4.1595
9- 16	N	273	96	153
	WEIGHTED N	26330	6054	6545
	MEAN	0.8957	-0.4833	-0.7936
	STAN. DEV.	4.2875	3.9543	3.8773
0- 8	N	55	43	53
	WEIGHTED N	5328	2867	2213
	MEAN	3.0700	3.1552	1.7080
	STAN. DEV.	3.5423	3.4446	3.0299
TOTAL SCORE RANGE				
0- 40	N	1108	180	280
	WEIGHTED N	106100	11679	12305
	MEAN	-0.0941	0.1740	-0.6017
	STAN. DEV.	4.2826	4.3985	3.9366

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
CAT - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	-2.47	-1.19	1.28	BLACK	0.755	334	6	330
17- 24	-1.25	-0.08	1.16	BLACK	1.610	430	35	397
9- 16	-0.48	0.90	1.38	WHITE	2.833	367	96	273
0- 8	3.16	3.07	0.09	BLACK	0.102	96	43	55
TOTAL SCORE RANGE								
0- 40	0.17	-0.09	0.27	BLACK	0.787	1286	180	1108

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
25- 32	-2.36	-1.19	1.17	SPANISH	1.007	341	13	330
17- 24	-1.50	-0.08	1.42	SPANISH	2.512	456	61	397
9- 16	-0.79	0.90	1.69	WHITE	4.078	424	153	273
0- 8	1.71	3.07	1.36	WHITE	1.725	106	53	55
TOTAL SCORE RANGE								
0- 40	-0.60	-0.09	0.51	SPANISH	1.790	1386	280	1108

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
CTBS - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	149	3	0
	WEIGHTED N	13373	127	0
	MEAN	-2.1061	-0.2228	0.0
	STAN. DEV.	4.2018	1.3333	0.0
25- 32	N	485	19	3
	WEIGHTED N	42081	2367	269
	MEAN	-0.6181	0.5951	-0.4301
	STAN. DEV.	4.2341	2.9423	5.3028
17- 24	N	499	64	4
	WEIGHTED N	45236	5243	466
	MEAN	0.3328	-0.1154	-3.7266
	STAN. DEV.	5.1223	4.3083	1.6605
9- 16	N	347	130	11
	WEIGHTED N	32140	8828	873
	MEAN	0.9196	0.0586	2.4302
	STAN. DEV.	4.8009	3.6879	2.5341
0- 8	N	91	77	1
	WEIGHTED N	8302	4592	56
	MEAN	3.4127	3.7103	1.8000
	STAN. DEV.	4.0090	3.5686	0.0
TOTAL SCORE RANGE				
0- 40	N	1571	293	19
	WEIGHTED N	141132	21157	1664
	MEAN	0.1330	0.8664	0.2224
	STAN. DEV.	4.8013	4.0373	3.9704

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
CTBS - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
25- 32	0.60	-0.62	1.21	WHITE	1.139	502	19	485
17- 24	-0.12	0.33	0.45	WHITE	0.741	561	64	499
9- 16	0.06	0.92	0.86	WHITE	1.838	475	130	347
0- 8	3.71	3.41	0.30	BLACK	0.622	166	77	91
TOTAL SCORE RANGE								
0- 40	0.87	0.13	0.73	BLACK	2.459	1862	293	1571

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	0.22	0.13	0.09	SPANISH	0.083	1588	19	1571

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
CTBS - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	95	27	0
	WEIGHTED N	6550	1982	0
	MEAN	-2.0665	0.0162	0.0
	STAN. DEV.	3.2145	2.1467	0.0
25- 32	N	270	13	10
	WEIGHTED N	20360	945	750
	MEAN	-1.2247	2.0764	-2.5633
	STAN. DEV.	4.0787	4.7470	4.4081
17- 24	N	293	48	16
	WEIGHTED N	25030	3921	1525
	MEAN	0.0783	-1.4683	-1.0889
	STAN. DEV.	4.5680	4.9113	5.5906
9- 16	N	216	142	31
	WEIGHTED N	19953	12059	3043
	MEAN	1.0711	1.2828	1.4419
	STAN. DEV.	4.7400	4.4293	4.1771
0- 8	N	50	63	12
	WEIGHTED N	4700	6201	1171
	MEAN	4.2566	3.2860	3.5732
	STAN. DEV.	3.7324	3.5326	3.3897
TOTAL SCORE RANGE				
0- 40	N	924	293	69
	WEIGHTED N	76593	25108	6489
	MEAN	0.0636	1.2778	0.7688
	STAN. DEV.	4.5831	4.4505	4.8552

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
CTBS - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	2.08	-1.22	3.30	BLACK	2.634	281	13	270
17- 24	-1.47	0.08	1.55	BLACK	2.250	339	48	293
9- 16	1.28	1.07	0.21	BLACK	0.444	356	142	216
0- 8	3.29	4.26	0.97	WHITE	1.161	111	63	50
TOTAL SCORE RANGE								
0- 40	1.28	0.06	1.21	BLACK	3.960	1215	293	924

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	0.77	0.06	0.71	SPANISH	1.236	991	69	924

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
CTBS - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	535	19	28
	WEIGHTED N	47611	1917	2582
	MEAN	-0.8066	-1.6873	-0.6380
	STAN. DEV.	3.1724	2.9286	3.7514
31- 40	N	252	34	44
	WEIGHTED N	27184	2872	4099
	MEAN	-0.3660	1.0347	-1.2951
	STAN. DEV.	5.8890	6.6151	5.6372
21- 30	N	119	37	44
	WEIGHTED N	12365	4772	3862
	MEAN	1.1957	-1.5672	-1.0019
	STAN. DEV.	7.4891	7.6427	4.7496
11- 20	N	41	83	15
	WEIGHTED N	4747	10054	1647
	MEAN	2.2447	0.9118	1.2274
	STAN. DEV.	7.6561	5.3522	6.4404
0- 10	N	8	11	2
	WEIGHTED N	876	1423	185
	MEAN	3.1373	6.7418	5.2022
	STAN. DEV.	5.3903	4.8306	2.9496
TOTAL SCORE RANGE				
0- 50	N	955	184	133
	WEIGHTED N	92783	21038	12375
	MEAN	-0.2173	0.5238	-0.6337
	STAN. DEV.	5.1904	6.2795	5.2259

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
CTBS - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
41- 50	-1.69	-0.81	0.88	BLACK	0.733	552	19	535
31- 40	1.03	-0.37	1.40	BLACK	1.489	284	34	252
21- 30	-1.57	1.20	2.76	BLACK	2.852	154	37	119
11- 20	0.91	2.24	1.33	WHITE	1.357	122	83	41
0- 10	6.74	3.14	3.60	BLACK	1.507	17	11	8
TOTAL SCORE RANGE								
0- 50	0.52	-0.22	0.74	BLACK	1.714	1137	184	955

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
41- 50	-0.64	-0.81	0.17	WHITE	0.169	561	28	535
31- 40	-1.30	-0.37	0.93	SPANISH	1.105	294	44	252
21- 30	-1.00	1.20	2.20	WHITE	2.420	161	44	119
11- 20	1.23	2.24	1.02	WHITE	0.655	54	15	41
0- 10	5.20	3.14	2.06	SPANISH	0.507	8	2	8
TOTAL SCORE RANGE								
0- 50	-0.63	-0.22	0.42	SPANISH	0.837	1086	133	955

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
CTBS -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	210	3	1
	WEIGHTED N	17952	204	96
	MEAN	-1.4312	-1.8284	-2.4000
	STAN. DEV.	2.4481	1.3839	0.0
19- 24	N	623	13	18
	WEIGHTED N	51941	1108	1323
	MEAN	-0.4087	-1.0681	-1.2461
	STAN. DEV.	3.0115	3.9857	3.2721
13- 18	N	436	60	24
	WEIGHTED N	38161	4419	1757
	MEAN	0.2138	-0.6329	0.8834
	STAN. DEV.	3.2723	2.9078	2.9370
7- 12	N	194	86	8
	WEIGHTED N	18181	5835	619
	MEAN	1.8338	0.9186	1.4431
	STAN. DEV.	3.9483	3.1157	5.0362
0- 6	N	31	20	1
	WEIGHTED N	2632	1483	63
	MEAN	4.5840	4.0318	0.5000
	STAN. DEV.	4.0115	2.5729	0.0
TOTAL SCORE RANGE				
0- 30	N	1494	182	52
	WEIGHTED N	128367	13049	3858
	MEAN	0.0515	0.5354	0.1550
	STAN. DEV.	3.3847	3.3998	3.6076

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
CTBS -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
19- 24	-1.07	-0.41	0.66	BLACK	0.720	634	13	623
13- 18	-0.63	0.21	0.85	BLACK	1.883	494	60	436
7- 12	0.92	1.83	0.92	WHITE	2.163	278	86	194
0- 6	4.03	4.58	0.55	WHITE	0.589	49	20	31
TOTAL SCORE RANGE								
0- 30	0.54	0.05	0.48	BLACK	1.815	1674	182	1494

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 30	0.16	0.05	0.10	SPANISH	0.216	1544	52	1494

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
CTBS - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	140	1	0
	WEIGHTED N	10235	52	0
	MEAN	-1.7595	0.7000	0.0
	STAN. DEV.	3.1388	0.0	0.0
28- 36	N	284	14	1
	WEIGHTED N	25195	1013	94
	MEAN	-1.3049	-5.4151	-9.6000
	STAN. DEV.	4.4975	6.0450	0.0000
19- 27	N	297	71	1
	WEIGHTED N	28248	5557	112
	MEAN	0.1915	-2.5931	2.2000
	STAN. DEV.	5.6936	5.4969	0.0
10- 18	N	319	302	15
	WEIGHTED N	28700	24654	1401
	MEAN	0.8692	-1.0163	0.5052
	STAN. DEV.	5.0044	3.7529	3.8262
0- 9	N	64	133	5
	WEIGHTED N	5748	9838	402
	MEAN	2.1621	1.9898	1.2388
	STAN. DEV.	3.1988	3.1749	1.4660
TOTAL SCORE RANGE				
0- 45	N	1104	521	22
	WEIGHTED N	98126	41114	2009
	MEAN	-0.0826	-0.6163	0.2737
	STAN. DEV.	4.9735	4.3198	3.9537

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
CTBS - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
28- 36	-5.42	-1.30	4.11	BLACK	3.211	296	14	284
19- 27	-2.59	0.19	2.78	BLACK	4.508	366	71	297
10- 18	-1.02	0.87	1.89	BLACK	5.023	619	302	319
0- 9	1.99	2.16	0.17	WHITE	0.242	195	133	64
TOTAL SCORE RANGE								
0- 45	-0.62	-0.08	0.53	BLACK	2.106	1623	521	1104

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	0.27	-0.08	0.36	SPANISH	0.347	1124	22	1104

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
CTBS - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	60	1	1
	WEIGHTED N	5468	211	69
	MEAN	-2.4025	-5.7000	0.2000
	STAN. DEV.	3.1187	0.0000	0.0
25- 32	N	298	15	6
	WEIGHTED N	24767	2113	438
	MEAN	-1.6899	-2.0991	-2.2694
	STAN. DEV.	4.0853	3.7826	3.2863
17- 24	N	451	57	25
	WEIGHTED N	39308	7452	1889
	MEAN	-0.2942	-0.2724	-2.0114
	STAN. DEV.	4.0892	4.9170	3.1689
9- 16	N	290	106	94
	WEIGHTED N	26540	12842	8030
	MEAN	1.4945	0.1876	-1.1472
	STAN. DEV.	3.8087	3.8298	4.0675
0- 8	N	68	77	18
	WEIGHTED N	6018	9461	1509
	MEAN	2.7300	2.6498	1.0413
	STAN. DEV.	3.3673	3.4105	3.9883
TOTAL SCORE RANGE				
0- 40	N	1167	256	144
	WEIGHTED N	102101	32079	11935
	MEAN	-0.1025	0.6176	-1.0407
	STAN. DEV.	4.1822	4.2527	3.9872

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
CTBS - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
25- 32	-2.10	-1.69	0.41	BLACK	0.388	311	15	298
17- 24	-0.27	-0.29	0.02	WHITE	0.039	506	57	451
9- 16	0.19	1.49	1.31	WHITE	2.890	394	106	290
0- 8	2.65	2.73	0.08	WHITE	0.121	143	77	68
TOTAL SCORE RANGE								
0- 40	0.62	-0.10	0.72	BLACK	2.496	1421	256	1167

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
25- 32	-2.27	-1.69	0.58	SPANISH	0.353	302	6	298
17- 24	-2.01	-0.29	1.72	SPANISH	2.098	474	25	451
9- 16	-1.15	1.49	2.64	WHITE	5.587	382	94	290
0- 8	1.04	2.73	1.69	WHITE	1.599	84	18	68
TOTAL SCORE RANGE								
0- 40	-1.04	-0.10	0.94	SPANISH	2.541	1309	144	1167

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
ITBS - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	167	0	3
	WEIGHTED N	13451	0	357
	MEAN	-1.9900	0.0	-5.1801
	STAN. DEV.	4.0551	0.0	1.5002
25- 32	N	397	3	8
	WEIGHTED N	37489	186	770
	MEAN	-0.5835	-4.6129	-3.0764
	STAN. DEV.	4.1663	8.1532	3.9747
17- 24	N	402	23	24
	WEIGHTED N	39971	1681	2877
	MEAN	0.2616	-0.8254	-0.5038
	STAN. DEV.	4.5303	3.5175	3.8034
9- 16	N	284	37	24
	WEIGHTED N	28068	3029	2423
	MEAN	1.3962	0.9208	1.5492
	STAN. DEV.	4.6365	4.1661	3.5989
0- 8	N	42	22	2
	WEIGHTED N	3707	1777	129
	MEAN	3.9715	4.2273	0.9899
	STAN. DEV.	4.0978	3.6569	2.9457
TOTAL SCORE RANGE				
0- 40	N	1292	85	61
	WEIGHTED N	122686	6673	6556
	MEAN	0.1282	1.2072	-0.2725
	STAN. DEV.	4.5483	4.5673	4.0988

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
ITBS - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
17- 24	-0.83	0.26	1.09	BLACK	1.127	423	23	402
9- 16	0.92	1.40	0.48	WHITE	0.604	319	37	284
0- 8	4.23	3.97	0.26	BLACK	0.216	62	22	42
TOTAL SCORE RANGE								
0- 40	1.21	0.13	1.08	BLACK	2.124	1375	85	1292

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	-0.27	0.13	0.40	SPANISH	0.674	1351	61	1292

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
ITBS - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	139	34	2
	WEIGHTED N	10024	2546	143
	MEAN	-0.8734	-1.3431	-0.0301
	STAN. DEV.	3.1252	2.5042	0.9498
25- 32	N	360	28	17
	WEIGHTED N	28776	2278	1415
	MEAN	-0.8195	-4.4861	-2.3971
	STAN. DEV.	3.6215	4.5941	4.2971
17- 24	N	253	96	26
	WEIGHTED N	21774	8478	2565
	MEAN	-0.3561	-3.6128	-2.1674
	STAN. DEV.	5.3693	5.2967	4.5192
9- 16	N	147	112	21
	WEIGHTED N	13515	9769	2066
	MEAN	1.7607	-0.1391	-0.0251
	STAN. DEV.	5.3067	4.2130	4.9374
0- 8	N	25	23	3
	WEIGHTED N	2504	2037	300
	MEAN	6.6940	5.2806	11.3463
	STAN. DEV.	4.6856	4.1839	6.2572
TOTAL SCORE RANGE				
0- 40	N	924	293	69
	WEIGHTED N	76593	25108	6489
	MEAN	0.0061	-1.3888	-0.8635
	STAN. DEV.	4.7422	5.2064	5.4779

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
ITBS - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
25- 32	-4.49	-0.82	3.67	BLACK	4.021	386	28	360
17- 24	-3.61	-0.36	3.26	BLACK	5.845	347	96	253
9- 16	-0.14	1.76	1.90	WHITE	3.259	257	112	147
0- 8	5.28	6.69	1.41	WHITE	1.053	46	23	25
TOTAL SCORE RANGE								
0- 40	-1.39	0.01	1.39	BLACK	4.247	1215	293	924

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	-0.86	0.01	0.87	SPANISH	1.422	991	69	924

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
ITBS - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	529	19	9
	WEIGHTED N	48946	1293	1211
	MEAN	-0.9733	-3.4807	-1.5054
	STAN. DEV.	3.3063	5.1895	3.2493
31- 40	N	284	56	28
	WEIGHTED N	26104	4584	3141
	MEAN	-0.8393	-5.9121	-0.6140
	STAN. DEV.	6.0311	6.4328	8.1241
21- 30	N	118	73	30
	WEIGHTED N	10941	5430	3780
	MEAN	-1.1828	-2.1417	3.0219
	STAN. DEV.	9.1648	7.4665	6.9077
11- 20	N	69	118	43
	WEIGHTED N	5666	8121	4379
	MEAN	3.9100	2.8856	4.9546
	STAN. DEV.	7.5314	8.3429	8.1653
0- 10	N	20	28	7
	WEIGHTED N	1828	1815	774
	MEAN	11.3854	8.6947	4.6182
	STAN. DEV.	9.6060	7.1101	5.9720
TOTAL SCORE RANGE				
0- 50	N	1020	294	117
	WEIGHTED N	93485	21243	13285
	MEAN	-0.4228	-0.1891	2.4796
	STAN. DEV.	5.9238	8.6490	7.7642

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
ITBS - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
41- 50	-3.48	-0.97	2.51	BLACK	1.726	546	19	529
31- 40	-5.91	-0.84	5.07	BLACK	5.577	338	56	284
21- 30	-2.14	-1.18	0.96	BLACK	1.035	189	73	118
11- 20	2.89	3.91	1.02	WHITE	1.087	185	118	69
0- 10	8.69	11.39	2.69	WHITE	1.477	46	28	20
TOTAL SCORE RANGE								
0- 50	-0.19	-0.42	0.23	WHITE	0.524	1312	294	1020

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
41- 50	-1.51	-0.97	0.53	SPANISH	0.254	536	9	529
31- 40	-0.61	-0.84	0.23	WHITE	0.183	310	28	284
21- 30	3.02	-1.13	4.20	SPANISH	3.305	146	30	118
11- 20	4.95	3.91	1.04	SPANISH	0.864	110	43	69
0- 10	4.62	11.39	6.77	WHITE	2.477	25	7	20
TOTAL SCORE RANGE								
0- 50	2.48	-0.42	2.90	SPANISH	4.413	1135	117	1020

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
ITBS -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	206	0	3
	WEIGHTED N	18289	0	164
	MEAN	-1.1998	0.0	-2.3640
	STAN. DEV.	2.2026	0.0	0.5168
19- 24	N	472	9	4
	WEIGHTED N	45140	1437	308
	MEAN	-0.0781	-2.1820	-0.7315
	STAN. DEV.	2.8270	2.5674	2.9032
13- 18	N	303	14	18
	WEIGHTED N	31438	1422	1468
	MEAN	0.3043	0.9447	-1.3061
	STAN. DEV.	3.7771	2.8666	4.1699
7- 12	N	129	15	18
	WEIGHTED N	13311	1588	1582
	MEAN	1.4952	-1.2057	0.5114
	STAN. DEV.	3.6846	3.0475	3.7791
0- 6	N	20	3	2
	WEIGHTED N	1781	342	189
	MEAN	4.9497	5.8211	2.2751
	STAN. DEV.	2.9181	3.3238	5.4371
TOTAL SCORE RANGE				
0- 30	N	1130	41	45
	WEIGHTED N	109959	4789	3711
	MEAN	0.1166	-0.3583	-0.3480
	STAN. DEV.	3.2970	3.5712	4.0502

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
ITBS -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 24	-2.18	-0.08	2.10	BLACK	1.878	479	9	472
13- 18	0.94	0.30	0.64	BLACK	0.704	315	14	303
7- 12	-1.21	1.50	2.70	WHITE	2.974	142	15	129
0- 6	5.82	4.95	0.87	BLACK	0.423	21	3	20
TOTAL SCORE RANGE								
0- 30	-0.36	0.12	0.47	BLACK	0.894	1169	41	1130

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
19- 24	-0.73	-0.08	0.65	SPANISH	0.391	474	4	472
13- 18	-1.31	0.30	1.61	SPANISH	1.994	319	18	303
7- 12	0.51	1.50	0.98	WHITE	1.175	145	18	129
0- 6	2.28	4.95	2.67	WHITE	1.083	20	2	20
TOTAL SCORE RANGE								
0- 30	-0.35	0.12	0.46	SPANISH	0.915	1173	45	1130

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
ITBS - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	111	0	0
	WEIGHTED N	10804	0	0
	MEAN	-2.1069	0.0	0.0
	STAN. DEV.	3.8020	0.0	0.0
28- 36	N	271	1	4
	WEIGHTED N	25468	74	414
	MEAN	-0.5336	7.5000	-8.4703
	STAN. DEV.	4.4583	0.0	8.0033
19- 27	N	236	9	26
	WEIGHTED N	22262	726	2626
	MEAN	0.0421	-4.2828	-2.3091
	STAN. DEV.	5.0379	5.8351	5.1671
10- 18	N	218	81	99
	WEIGHTED N	21818	5688	10616
	MEAN	0.6129	-1.0048	-0.5899
	STAN. DEV.	4.8601	4.1255	3.7509
0- 9	N	45	70	38
	WEIGHTED N	4700	4461	4318
	MEAN	3.5105	3.1052	3.2999
	STAN. DEV.	3.3501	3.6857	2.7731
TOTAL SCORE RANGE				
0- 45	N	881	161	167
	WEIGHTED N	85052	10949	17974
	MEAN	-0.0652	0.5099	-0.0881
	STAN. DEV.	4.7469	4.7354	4.5584

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
ITBS - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 27	-4.28	0.04	4.32	BLACK	2.813	243	9	236
10- 18	-1.00	0.61	1.62	BLACK	2.746	297	81	218
0- 9	3.11	3.51	0.41	WHITE	0.469	113	70	45
TOTAL SCORE RANGE								
0- 45	0.51	-0.07	0.58	BLACK	1.420	1040	161	881

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
19- 27	-2.31	0.04	2.35	SPANISH	2.514	260	26	236
10- 18	-0.59	0.61	1.20	WHITE	2.192	315	99	218
0- 9	3.30	3.51	0.21	WHITE	0.211	81	38	45
TOTAL SCORE RANGE								
0- 45	-0.09	-0.07	0.02	SPANISH	0.058	1046	167	881

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
ITBS - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	49	0	0
	WEIGHTED N	4886	0	0
	MEAN	-2.3733	0.0	0.0
	STAN. DEV.	2.4511	0.0	C.0
25- 32	N	372	9	5
	WEIGHTED N	37133	538	264
	MEAN	-1.0255	-4.6045	-3.7269
	STAN. DEV.	3.6890	3.1827	3.7502
17- 24	N	507	49	18
	WEIGHTED N	48975	2471	982
	MEAN	-0.2125	-2.9459	-3.4260
	STAN. DEV.	4.2101	4.4522	5.4777
9- 16	N	388	132	44
	WEIGHTED N	35334	6888	1983
	MEAN	1.0643	-0.8328	-1.0470
	STAN. DEV.	4.2717	3.9089	4.4731
0- 8	N	62	55	19
	WEIGHTED N	5146	2994	876
	MEAN	4.1014	2.5131	2.2345
	STAN. DEV.	3.9530	3.5608	3.8101
TOTAL SCORE RANGE				
0- 40	N	1378	245	86
	WEIGHTED N	131474	12891	4105
	MEAN	-0.0105	-0.6182	-1.0882
	STAN. DEV.	4.2037	4.3972	4.9958

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
ITBS - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	-4.60	-1.03	3.58	BLACK	2.590	379	9	372
17- 24	-2.95	-0.21	2.73	BLACK	4.461	554	49	507
9- 16	-0.83	1.06	1.90	WHITE	4.597	518	132	388
0- 8	2.51	4.10	1.59	WHITE	2.094	115	55	62
TOTAL SCORE RANGE								
0- 40	-0.62	-0.01	0.61	BLACK	2.048	1621	245	1378

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
25- 32	-3.73	-1.03	2.70	SPANISH	1.465	375	5	372
17- 24	-3.43	-0.21	3.21	SPANISH	3.271	523	18	507
9- 16	-1.05	1.06	2.11	WHITE	3.241	430	44	388
0- 8	2.23	4.10	1.87	WHITE	1.738	79	19	62
TOTAL SCORE RANGE								
0- 40	-1.09	-0.01	1.08	SPANISH	2.266	1462	86	1378

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
MAT - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	219	1	4
	WEIGHTED N	12776	103	142
	MEAN	-2.5567	-2.3000	-5.0831
	STAN. DEV.	3.6486	0.0	1.3663
25- 32	N	470	18	12
	WEIGHTED N	31527	1328	904
	MEAN	-1.1728	-3.6649	-1.1373
	STAN. DEV.	4.2751	4.8572	3.0198
17- 24	N	518	70	29
	WEIGHTED N	34272	4288	2598
	MEAN	0.6784	-1.4746	-0.0838
	STAN. DEV.	4.3243	3.7403	4.1081
9- 16	N	240	167	26
	WEIGHTED N	17551	10485	2001
	MEAN	1.6448	-0.2736	-0.3267
	STAN. DEV.	3.7199	3.9650	3.0660
0- 8	N	30	43	11
	WEIGHTED N	2515	3007	1196
	MEAN	4.1143	2.3076	2.4654
	STAN. DEV.	3.3633	2.5535	3.0633
TOTAL SCORE RANGE				
0- 40	N	1477	299	82
	WEIGHTED N	98641	19211	6841
	MEAN	-0.0727	-0.3830	0.0478
	STAN. DEV.	4.3780	4.0650	3.7208

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
MAT - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
25- 32	-3.66	-1.17	2.49	BLACK	2.534	486	18	470
17- 24	-1.47	0.68	2.15	BLACK	4.129	586	70	518
9- 16	-0.27	1.64	1.92	WHITE	4.650	405	167	240
0- 8	2.31	4.11	1.81	WHITE	1.855	71	43	30
TOTAL SCORE RANGE								
0- 40	-0.38	-0.07	0.31	BLACK	1.136	1774	299	1477

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
25- 32	-1.14	-1.17	0.04	WHITE	0.030	480	12	470
17- 24	-0.08	0.68	0.76	WHITE	0.975	545	29	518
9- 16	-0.33	1.64	1.97	WHITE	2.332	264	26	240
0- 8	2.47	4.11	1.65	WHITE	1.142	39	11	30
TOTAL SCORE RANGE								
0- 40	0.05	-0.07	0.12	WHITE	0.247	1557	82	1477

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
MAT - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	226	9	2
	WEIGHTED N	18135	458	230
	MEAN	-1.6451	-6.0124	-3.6426
	STAN. DEV.	3.2769	5.3081	2.5427
25- 32	N	351	24	28
	WEIGHTED N	32992	2238	2493
	MEAN	-0.3125	-1.4819	-1.6276
	STAN. DEV.	4.0066	4.4306	3.1146
17- 24	N	245	33	52
	WEIGHTED N	27208	4058	4652
	MEAN	0.7519	-1.6755	-0.3727
	STAN. DEV.	4.2541	3.7065	3.3229
9- 16	N	116	85	46
	WEIGHTED N	12598	10328	4429
	MEAN	2.1664	-0.6559	1.8405
	STAN. DEV.	3.7870	3.1589	2.9250
0- 8	N	17	33	5
	WEIGHTED N	1850	3956	571
	MEAN	3.3679	3.1567	2.6932
	STAN. DEV.	3.2315	3.0907	2.1372
TOTAL SCORE RANGE				
0- 40	N	955	184	133
	WEIGHTED N	92783	21038	12375
	MEAN	0.1491	-0.3401	0.2473
	STAN. DEV.	4.1037	3.9469	3.4375

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VCCAB
MAT - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
33- 40	-6.01	-1.65	4.37	BLACK	3.400	233	9	226
25- 32	-1.48	-0.31	1.17	BLACK	1.466	373	24	351
17- 24	-1.68	0.75	2.43	BLACK	3.464	276	33	245
9- 16	-0.66	2.17	2.82	WHITE	5.230	199	85	116
0- 8	3.16	3.37	0.21	WHITE	0.187	48	33	17
TOTAL SCOPE PANGE								
0- 40	-0.34	0.15	0.49	BLACK	1.511	1137	184	955

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
33- 40	-3.64	-1.65	2.00	SPANISH	0.744	226	2	226
25- 32	-1.63	-0.31	1.32	SPANISH	1.772	377	28	351
17- 24	-0.37	0.75	1.12	WHITE	1.949	295	52	245
9- 16	1.84	2.17	0.33	WHITE	0.495	160	46	116
0- 8	2.69	3.37	0.67	WHITE	0.351	20	5	17
TOTAL SCORE RANGE								
0- 40	0.25	0.15	0.10	SPANISH	0.264	1086	133	955

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
MAT - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	106	1	0
	WEIGHTED N	10197	94	0
	MEAN	-1.5650	0.0	0.0
	STAN. DEV.	3.2729	0.0	0.0
25- 32	N	302	11	8
	WEIGHTED N	28056	703	1167
	MEAN	-0.6013	-1.3984	-7.6290
	STAN. DEV.	4.3399	5.9903	5.9801
17- 24	N	320	30	22
	WEIGHTED N	28417	2299	2650
	MEAN	0.5848	-1.6746	-2.5134
	STAN. DEV.	4.4699	4.2400	3.9759
9- 16	N	244	173	68
	WEIGHTED N	22463	12796	7493
	MEAN	1.5021	0.0650	-0.7577
	STAN. DEV.	4.4493	4.4294	3.4971
0- 8	N	48	79	19
	WEIGHTED N	4352	5351	1975
	MEAN	3.4635	2.2679	1.3863
	STAN. DEV.	3.6017	2.7537	2.1268
TOTAL SCORE RANGE				
0- 40	N	1020	294	117
	WEIGHTED N	93485	21243	13285
	MEAN	0.3487	0.3829	-1.3928
	STAN. DEV.	4.4400	4.2873	4.3483

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VCCAB
MAT - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
25- 32	-1.40	-0.60	0.80	BLACK	0.607	311	11	302
17- 24	-1.67	0.58	2.26	BLACK	2.766	348	30	320
9- 16	0.07	1.50	1.44	WHITE	3.379	415	173	244
0- 8	2.27	3.46	1.20	WHITE	1.527	125	79	48
TOTAL SCORE RANGE								
0- 40	0.38	0.35	0.03	BLACK	0.117	1312	294	1020

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
25- 32	-7.63	-0.60	7.03	SPANISH	4.586	308	8	302
17- 24	-2.51	0.58	3.10	SPANISH	3.286	340	22	320
9- 16	-0.76	1.50	2.26	WHITE	3.852	310	68	244
0- 8	1.39	3.46	2.08	WHITE	1.791	65	19	48
TOTAL SCORE RANGE								
0- 40	-1.39	0.35	1.74	SPANISH	4.049	1135	117	1020

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
MAT -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	212	1	0
	WEIGHTED N	15852	79	0
	MEAN	-1.1026	-6.1000	0.0
	STAN. DEV.	2.1871	0.0000	0.0
19- 24	N	579	25	3
	WEIGHTED N	46450	1272	318
	MEAN	-0.0271	-0.6294	0.0346
	STAN. DEV.	3.0167	2.6307	2.1588
13- 18	N	441	127	8
	WEIGHTED N	35148	5710	485
	MEAN	0.6734	-0.0668	-4.6194
	STAN. DEV.	3.1912	2.8883	5.0328
7- 12	N	224	112	12
	WEIGHTED N	18551	4956	781
	MEAN	2.0219	1.2173	1.4178
	STAN. DEV.	3.5801	2.7810	2.4319
0- 6	N	37	14	1
	WEIGHTED N	2886	616	57
	MEAN	4.0910	3.6674	4.9000
	STAN. DEV.	3.2923	3.8509	0.0000
TOTAL SCORE RANGE				
0- 30	N	1493	279	24
	WEIGHTED N	118887	12633	1641
	MEAN	0.4563	0.5247	-0.5136
	STAN. DEV.	3.2558	3.0759	4.3632

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
MAT -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 24	-0.63	-0.03	0.60	BLACK	0.938	602	25	579
13- 18	-0.07	0.67	0.74	WHITE	2.337	566	127	441
7- 12	1.22	2.02	0.80	WHITE	2.211	334	112	224
0- 6	3.67	4.09	0.42	WHITE	0.429	49	14	37
TOTAL SCORE RANGE								
0- 30	0.52	0.46	0.07	BLACK	0.323	1770	279	1493

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 30	-0.51	0.46	0.97	SPANISH	1.451	1515	24	1493

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
MAT - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	119	3	0
	WEIGHTED N	10076	288	0
	MEAN	-2.7943	-1.7656	0.0
	STAN. DEV.	4.2038	1.8953	0.0
28- 36	N	302	8	4
	WEIGHTED N	28582	573	297
	MEAN	-1.0317	0.4607	-0.3438
	STAN. DEV.	4.9421	4.6417	2.4984
19- 27	N	339	25	9
	WEIGHTED N	31790	2077	517
	MEAN	0.8845	-0.1097	-4.1184
	STAN. DEV.	5.4953	6.4636	4.5035
10- 18	N	403	267	4
	WEIGHTED N	40005	18487	234
	MEAN	0.7228	-2.0192	1.0051
	STAN. DEV.	4.6490	4.0103	4.1950
0- 9	N	85	154	0
	WEIGHTED N	8338	10176	0
	MEAN	2.9465	1.0691	0.0
	STAN. DEV.	3.1418	2.6658	0.0
TOTAL SCORE RANGE				
0- 45	N	1248	457	17
	WEIGHTED N	118791	31601	1048
	MEAN	0.2017	-0.8520	-1.9047
	STAN. DEV.	5.0300	4.1142	4.5499

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VCCAB
MAT - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
28- 36	0.46	-1.03	1.49	WHITE	0.900	308	8	302
19- 27	-0.11	0.88	0.99	WHITE	1.036	362	25	339
10- 18	-2.02	0.72	2.74	BLACK	7.505	668	267	403
0- 9	1.07	2.95	1.88	WHITE	3.001	237	154	85
TOTAL SCORE RANGE								
0- 45	-0.85	0.20	1.05	BLACK	4.012	1703	457	1248

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	-1.90	0.20	2.11	SPANISH	1.796	1263	17	1248

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
MAT - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	27	0	0
	WEIGHTED N	2399	0	0
	MEAN	-3.1417	0.0	0.0
	STAN. DEV.	2.3655	0.0	0.0
25- 32	N	209	2	2
	WEIGHTED N	19482	178	182
	MEAN	-1.0011	-4.1809	3.5000
	STAN. DEV.	4.0921	2.1101	3.0000
17- 24	N	354	13	11
	WEIGHTED N	31915	795	957
	MEAN	-0.1848	-2.8528	-1.6427
	STAN. DEV.	4.3412	4.2273	2.5912
9- 16	N	310	63	46
	WEIGHTED N	27929	4562	3931
	MEAN	0.2469	-1.9865	-0.1619
	STAN. DEV.	3.7598	3.8140	3.3917
0- 8	N	106	46	29
	WEIGHTED N	8874	3138	2233
	MEAN	2.3833	0.6189	0.4617
	STAN. DEV.	3.1893	2.7634	2.7673
TOTAL SCORE RANGE				
0- 40	N	1006	124	88
	WEIGHTED N	90599	8673	7303
	MEAN	-0.0540	-1.1683	-0.0740
	STAN. DEV.	4.0992	3.7547	3.2203

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VCCAB
MAT - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
17- 24	-2.85	-0.18	2.67	BLACK	2.446	365	13	354
9- 16	-1.99	0.25	2.23	BLACK	4.184	371	63	310
0- 8	0.62	2.38	1.76	WHITE	2.587	150	46	106
TOTAL SCORE RANGE								
0- 40	-1.17	-0.05	1.11	BLACK	2.918	1128	124	1006

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
17- 24	-1.64	-0.18	1.46	SPANISH	1.233	363	11	354
9- 16	-0.16	0.25	0.41	WHITE	0.670	354	46	310
0- 8	0.46	2.38	1.92	WHITE	2.374	133	29	106
TOTAL SCORE RANGE								
0- 40	-0.07	-0.05	0.02	SPANISH	0.045	1092	88	1006

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
STEP II - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	134	0	2
	WEIGHTED N	14393	0	270
	MEAN	-2.5372	0.0	4.0000
	STAN. DEV.	3.6153	0.0	0.9000
25- 32	N	319	12	4
	WEIGHTED N	33911	571	281
	MEAN	-1.1307	-4.1021	-6.6406
	STAN. DEV.	4.7988	5.5463	5.0428
17- 24	N	371	38	19
	WEIGHTED N	37398	2441	1312
	MEAN	0.2540	-1.2415	-0.5941
	STAN. DEV.	5.2591	5.0509	4.8466
9- 16	N	211	120	28
	WEIGHTED N	22347	6941	1997
	MEAN	2.1844	-1.5219	0.5355
	STAN. DEV.	5.1754	4.4028	4.9633
0- 8	N	37	94	5
	WEIGHTED N	3308	5095	331
	MEAN	2.3698	2.8885	3.8994
	STAN. DEV.	4.0133	3.7058	2.0962
TOTAL SCORE RANGE				
0- 40	N	1072	264	58
	WEIGHTED N	111357	15048	4191
	MEAN	-0.0782	-0.0810	0.1896
	STAN. DEV.	5.1192	4.8654	5.1571

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VCCAB
STEP II - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	-4.10	-1.13	2.97	BLACK	2.057	329	12	319
17- 24	-1.24	0.25	1.50	BLACK	1.787	407	38	371
9- 16	-1.52	2.18	3.71	WHITE	6.599	329	120	211
0- 8	2.89	2.37	0.52	BLACK	0.544	129	94	37
TOTAL SCORE RANGE								
0- 40	-0.08	-0.08	0.00	BLACK	0.008	1334	264	1072

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	0.19	-0.08	0.27	SPANISH	0.391	1128	58	1072

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
STEP II - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	261	3	1
	WEIGHTED N	21707	258	85
	MEAN	-2.0450	-1.9050	-4.7000
	STAN. DEV.	3.3254	4.7255	0.0000
25- 32	N	540	18	18
	WEIGHTED N	46058	1474	1375
	MEAN	-0.4156	-2.0579	-1.9660
	STAN. DEV.	4.5584	4.5810	4.1144
17- 24	N	442	37	23
	WEIGHTED N	38684	2901	1636
	MEAN	0.4256	-2.4008	-0.5402
	STAN. DEV.	5.1522	3.5457	5.3520
9- 16	N	219	105	8
	WEIGHTED N	19492	7081	582
	MEAN	2.0280	-0.1437	5.0902
	STAN. DEV.	4.8573	4.7355	3.5326
0- 8	N	32	19	2
	WEIGHTED N	2926	1335	180
	MEAN	4.0332	2.6863	2.2650
	STAN. DEV.	3.4343	2.6462	1.9556
TOTAL SCORE RANGE				
0- 40	N	1494	182	52
	WEIGHTED N	128867	13049	3858
	MEAN	0.0330	-0.6070	-0.1597
	STAN. DEV.	4.7859	4.5503	5.1334

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
STEP II - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	-2.06	-0.42	1.64	BLACK	1.440	556	18	540
17- 24	-2.40	0.43	2.83	BLACK	3.469	477	37	442
9- 16	-0.14	2.03	2.17	WHITE	3.842	322	105	219
0- 8	2.69	4.03	1.35	WHITE	0.977	49	19	32
TOTAL SCORE RANGE								
0- 40	-0.61	0.03	0.64	BLACK	1.707	1674	182	1494

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	-0.16	0.03	0.19	SPANISH	0.286	1544	52	1494

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
STEP II - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	150	0	0
	WEIGHTED N	13143	0	0
	MEAN	-2.1906	0.0	0.0
	STAN. DEV.	3.4351	0.0	0.0
25- 32	N	392	3	5
	WEIGHTED N	36944	372	316
	MEAN	-1.3037	-2.6532	-1.1133
	STAN. DEV.	4.6191	0.3344	4.8053
17- 24	N	301	10	9
	WEIGHTED N	30061	1319	765
	MEAN	0.2605	1.3998	-1.5872
	STAN. DEV.	4.9623	6.3369	4.4724
9- 16	N	241	21	21
	WEIGHTED N	25071	2387	1746
	MEAN	1.5153	-0.0539	-0.8951
	STAN. DEV.	4.6418	3.7956	3.4891
0- 8	N	46	7	10
	WEIGHTED N	4740	711	884
	MEAN	3.1435	3.6070	5.0077
	STAN. DEV.	3.5398	1.9928	2.7606
TOTAL SCORE RANGE				
0- 40	N	1130	41	45
	WEIGHTED N	109959	4789	3711
	MEAN	-0.1476	0.6881	0.3497
	STAN. DEV.	4.7806	4.6244	4.5261

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
STEP II - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	-2.65	-1.30	1.35	BLACK	0.500	393	3	392
17- 24	1.40	0.26	1.14	BLACK	0.760	309	10	301
9- 16	-0.05	1.52	1.57	WHITE	1.480	260	21	241
0- 8	3.61	3.14	0.46	BLACK	0.245	51	7	46
TOTAL SCORE RANGE								
0- 40	0.69	-0.15	0.84	BLACK	1.102	1169	41	1130

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
25- 32	-1.11	-1.30	0.19	WHITE	0.091	395	5	392
17- 24	-1.59	0.26	1.85	SPANISH	1.172	308	9	301
9- 16	-0.90	1.52	2.41	WHITE	2.273	260	21	241
0- 8	5.01	3.14	1.86	SPANISH	1.146	54	10	46
TOTAL SCORE RANGE								
0- 40	0.35	-0.15	0.50	SPANISH	0.686	1173	45	1130

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
STEP II - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	744	27	2
	WEIGHTED N	58503	1432	261
	MEAN	-1.5341	-4.2617	-0.3391
	STAN. DEV.	4.1960	5.3953	2.3900
31- 40	N	411	92	4
	WEIGHTED N	32732	4178	283
	MEAN	-1.5316	-4.0357	-4.4088
	STAN. DEV.	6.9681	6.7651	4.2198
21- 30	N	204	85	7
	WEIGHTED N	16625	3877	449
	MEAN	0.8656	0.3409	-6.4356
	STAN. DEV.	8.0437	6.6993	4.5386
11- 20	N	116	69	8
	WEIGHTED N	9783	2904	449
	MEAN	2.5910	2.5848	6.4007
	STAN. DEV.	7.7551	6.1811	8.3790
0- 10	N	18	6	3
	WEIGHTED N	1244	242	199
	MEAN	5.7870	2.8450	16.8136
	STAN. DEV.	4.4680	5.7724	9.8614
TOTAL SCORE RANGE				
0- 50	N	1493	279	24
	WEIGHTED N	118887	12633	1641
	MEAN	-0.7818	-1.0645	1.2151
	STAN. DEV.	6.1998	7.0476	9.9668

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
STEP II - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
41- 50	-4.26	-1.53	2.73	BLACK	2.284	769	27	744
31- 40	-4.04	-1.53	2.50	BLACK	3.561	501	92	411
21- 30	0.34	0.87	0.52	WHITE	0.667	287	85	204
11- 20	2.58	2.59	0.01	WHITE	0.007	183	69	116
TOTAL SCORE RANGE								
0- 50	-1.06	-0.78	0.28	BLACK	0.676	1770	279	1493

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 50	1.22	-0.78	2.00	SPANISH	1.514	1515	24	1493

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
STEP II - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	160	2	1
	WEIGHTED N	13623	62	113
	MEAN	-2.2235	-2.9194	-5.3000
	STAN. DEV.	3.9852	1.7038	0.0
28- 36	N	336	9	8
	WEIGHTED N	31902	802	489
	MEAN	-1.5865	-2.9148	-5.7524
	STAN. DEV.	5.5807	3.8239	5.3632
19- 27	N	245	26	33
	WEIGHTED N	22111	1622	1418
	MEAN	0.3758	0.1167	0.0599
	STAN. DEV.	5.7348	5.7352	5.9029
10- 18	N	248	133	108
	WEIGHTED N	22613	4621	4569
	MEAN	1.0612	-0.5543	-0.0009
	STAN. DEV.	5.0360	4.5055	4.8296
0- 9	N	48	95	61
	WEIGHTED N	4510	2814	2218
	MEAN	3.0652	3.4381	2.1632
	STAN. DEV.	4.4328	3.7538	2.6272
TOTAL SCORE RANGE				
0- 45	N	1037	265	211
	WEIGHTED N	94759	9921	8807
	MEAN	-0.3670	0.4822	0.1665
	STAN. DEV.	5.4408	4.9026	4.9392

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
STEP II - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
28- 36	-2.91	-1.59	1.33	BLACK	0.768	343	9	336
19- 27	0.12	0.38	0.26	WHITE	0.245	269	26	245
10- 18	-0.55	1.06	1.62	WHITE	2.935	379	133	248
0- 9	3.44	3.07	0.37	BLACK	0.411	141	95	48
TOTAL SCORE RANGE								
0- 45	0.48	-0.37	0.85	BLACK	2.333	1300	265	1037

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
28- 36	-5.75	-1.59	4.17	SPANISH	2.274	342	8	336
19- 27	0.06	0.38	0.32	WHITE	0.333	276	33	245
10- 18	-0.00	1.06	1.06	WHITE	1.799	354	108	248
0- 9	2.16	3.07	0.90	WHITE	0.913	107	61	48
TOTAL SCORE RANGE								
0- 45	0.17	-0.37	0.53	WHITE	1.336	1246	211	1037

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
STEP II - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	45	0	0
	WEIGHTED N	3980	0	0
	MEAN	-2.3923	0.0	0.0
	STAN. DEV.	3.5347	0.0	0.0
25- 32	N	260	3	6
	WEIGHTED N	24108	174	491
	MEAN	-1.1590	-2.0132	-1.7560
	STAN. DEV.	3.7167	2.5895	4.1020
17- 24	N	377	25	22
	WEIGHTED N	33729	1792	2769
	MEAN	-0.5619	-2.5746	-1.5248
	STAN. DEV.	4.9686	5.1269	4.3128
9- 16	N	348	174	30
	WEIGHTED N	29155	10217	2762
	MEAN	1.7627	-0.3898	0.1550
	STAN. DEV.	4.3665	3.4572	3.3759
0- 8	N	76	96	8
	WEIGHTED N	6183	5858	896
	MEAN	3.3714	1.6304	0.5330
	STAN. DEV.	4.9287	4.3554	3.8175
TOTAL SCORE RANGE				
0- 40	N	1106	298	66
	WEIGHTED N	97155	18041	6918
	MEAN	0.1629	0.0335	-0.6040
	STAN. DEV.	4.6954	4.1532	3.9885

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VCCAB
STEP II - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	-2.01	-1.16	0.85	BLACK	0.336	261	3	260
17- 24	-2.57	-0.56	2.01	BLACK	2.223	400	25	377
9- 16	-0.39	1.76	2.15	WHITE	5.289	520	174	348
0- 8	1.63	3.37	1.74	WHITE	2.587	170	96	76
TOTAL SCORE RANGE								
0- 40	0.03	0.16	0.13	WHITE	0.434	1402	298	1106

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	-0.60	0.16	0.77	SPANISH	1.325	1170	66	1106

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
SRA - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	171	1	1
	WEIGHTED N	13286	87	84
	MEAN	-2.0463	-3.7000	2.7000
	STAN. DEV.	3.4221	0.0000	0.0
25- 32	N	324	18	1
	WEIGHTED N	27149	1648	111
	MEAN	-0.6448	-3.0868	-5.9000
	STAN. DEV.	4.1427	5.4516	0.0000
17- 24	N	333	64	5
	WEIGHTED N	29169	5273	386
	MEAN	0.1988	-1.9111	-0.1777
	STAN. DEV.	4.5932	4.0813	1.6448
9- 16	N	185	149	4
	WEIGHTED N	14952	12093	222
	MEAN	1.6933	0.5100	-2.0757
	STAN. DEV.	4.5470	4.1397	3.9288
0- 8	N	41	53	3
	WEIGHTED N	4089	4775	448
	MEAN	3.9160	3.5590	2.4116
	STAN. DEV.	4.3471	4.4106	2.7588
TOTAL SCORE RANGE				
0- 40	N	1054	285	14
	WEIGHTED N	88645	23876	1251
	MEAN	0.0275	0.3215	0.0982
	STAN. DEV.	4.5023	4.7303	3.5672

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
SRA - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	-3.09	-0.64	2.44	BLACK	2.295	340	18	324
17- 24	-1.91	0.20	2.11	BLACK	3.519	395	64	333
9- 16	0.51	1.69	1.18	WHITE	2.447	332	149	185
0- 8	3.56	3.92	0.36	WHITE	0.391	92	53	41
TOTAL SCORE RANGE								
0- 40	0.32	0.03	0.29	BLACK	0.968	1337	285	1054

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	0.10	0.03	0.07	SPANISH	0.058	1066	14	1054

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
SRA - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	191	4	0
	WEIGHTED N	15468	285	0
	MEAN	-1.2223	-3.4649	0.0
	STAN. DEV.	3.1486	2.2308	0.0
25- 32	N	404	27	1
	WEIGHTED N	36486	1943	112
	MEAN	-0.6292	-2.6484	-1.3000
	STAN. DEV.	3.7687	3.5170	0.0
17- 24	N	300	126	7
	WEIGHTED N	26917	11000	814
	MEAN	0.5178	-0.7545	-2.3402
	STAN. DEV.	4.3914	4.8120	4.3061
9- 16	N	168	263	10
	WEIGHTED N	15195	21338	784
	MEAN	1.6842	0.6370	1.6143
	STAN. DEV.	4.4643	4.3542	3.6550
0- 8	N	41	101	4
	WEIGHTED N	4060	6548	299
	MEAN	5.6836	4.7782	1.4418
	STAN. DEV.	4.7293	3.9857	2.2785
TOTAL SCORE RANGE				
0- 40	N	1104	521	22
	WEIGHTED N	98126	41114	2009
	MEAN	0.2114	0.7405	-0.1761
	STAN. DEV.	4.2817	4.8010	4.1361

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
SRA - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	-2.65	-0.63	2.02	BLACK	2.393	429	27	404
17- 24	-0.75	0.52	1.27	BLACK	2.823	424	126	300
9- 16	0.64	1.68	1.05	WHITE	2.497	429	263	168
0- 8	4.78	5.68	0.91	WHITE	1.152	140	101	41
TOTAL SCORE RANGE								
0- 40	0.74	0.21	0.53	BLACK	2.235	1623	521	1104

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	-0.18	0.21	0.39	WHITE	0.404	1124	22	1104

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
SRA - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	94	1	0
	WEIGHTED N	8473	74	0
	MEAN	-1.4808	-6.6000	0.0
	STAN. DEV.	2.7580	0.0000	0.0
25- 32	N	289	0	6
	WEIGHTED N	27736	0	484
	MEAN	-0.5373	0.0	-3.0944
	STAN. DEV.	3.6508	0.0	2.1481
17- 24	N	246	12	18
	WEIGHTED N	23541	908	1988
	MEAN	0.0952	-4.4818	-1.4164
	STAN. DEV.	4.4272	3.5965	4.0805
9- 16	N	210	101	122
	WEIGHTED N	20781	7063	12703
	MEAN	0.8826	-1.4082	-0.1206
	STAN. DEV.	4.3394	3.8129	4.0397
0- 8	N	42	47	21
	WEIGHTED N	4521	2904	2799
	MEAN	3.5489	3.2098	2.6011
	STAN. DEV.	3.6176	4.0527	4.2038
TOTAL SCORE RANGE				
0- 40	N	881	161	167
	WEIGHTED N	85052	10949	17974
	MEAN	0.1079	-0.4734	0.0799
	STAN. DEV.	4.1218	4.5338	4.2176

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
SRA - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
17- 24	-4.48	0.10	4.58	BLACK	3.674	256	12	246
9- 16	-1.41	0.88	2.29	BLACK	4.489	309	101	210
0- 8	3.21	3.55	0.34	WHITE	0.379	87	47	42
TOTAL SCORE RANGE								
0- 40	-0.47	0.11	0.58	BLACK	1.676	1040	161	881

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
17- 24	-1.42	0.10	1.51	SPANISH	1.469	262	18	246
9- 16	-0.12	0.88	1.00	WHITE	2.091	330	122	210
0- 8	2.60	3.55	0.95	WHITE	0.842	61	21	42
TOTAL SCORE RANGE								
0- 40	0.08	0.11	0.03	WHITE	0.079	1046	167	881

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
SPA - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	534	23	5
	WEIGHTED N	50156	1982	354
	MEAN	-0.9460	-2.1517	-0.0486
	STAN. DEV.	3.1831	3.4795	1.2491
31- 40	N	378	48	7
	WEIGHTED N	35360	3673	397
	MEAN	-1.4969	-4.0788	1.8375
	STAN. DEV.	6.6182	5.8423	6.9907
21- 30	N	165	87	3
	WEIGHTED N	16124	5503	177
	MEAN	-0.8271	-3.7074	7.4983
	STAN. DEV.	7.8474	6.8250	2.2468
11- 20	N	147	219	2
	WEIGHTED N	14648	14628	120
	MEAN	4.5973	3.8495	1.0500
	STAN. DEV.	7.5623	7.1204	0.9987
0- 10	N	24	80	0
	WEIGHTED N	2503	5815	0
	MEAN	12.9361	10.1869	0.0
	STAN. DEV.	8.1672	7.1513	0.0
TOTAL SCORE RANGE				
0- 50	N	1248	457	17
	WEIGHTED N	118791	31601	1048
	MEAN	-0.1178	2.4018	2.0663
	STAN. DEV.	6.4333	8.3977	5.1613

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
SRA - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
41- 50	-2.15	-0.95	1.21	BLACK	0.927	555	23	534
31- 40	-4.08	-1.50	2.58	BLACK	2.757	424	48	378
21- 30	-3.71	-0.83	2.88	BLACK	3.557	250	87	165
11- 20	3.85	4.60	0.75	WHITE	1.148	364	219	147
0- 10	10.19	12.94	2.75	WHITE	1.933	102	80	24
TOTAL SCORE RANGE								
0- 50	2.40	-0.12	2.52	BLACK	6.579	1703	457	1248

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 50	2.07	-0.12	2.18	SPANISH	1.277	1263	17	1248

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
SRA -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	189	2	2
	WEIGHTED N	16630	112	158
	MEAN	-0.8275	-3.1911	-0.5057
	STAN. DEV.	2.0500	3.5648	0.7406
19- 24	N	422	24	28
	WEIGHTED N	39168	1745	1295
	MEAN	-0.1635	-0.6082	-1.7057
	STAN. DEV.	2.7963	2.5665	2.6978
13- 18	N	291	75	65
	WEIGHTED N	26191	3186	2709
	MEAN	0.5458	-2.1582	-1.3475
	STAN. DEV.	3.4332	3.6769	3.6163
7- 12	N	123	110	86
	WEIGHTED N	11638	3531	3708
	MEAN	1.7945	0.2561	1.0365
	STAN. DEV.	3.5251	3.6059	3.7928
0- 6	N	12	54	30
	WEIGHTED N	1132	1347	937
	MEAN	6.6720	3.2427	2.2080
	STAN. DEV.	6.2046	5.0552	3.1708
TOTAL SCORE RANGE				
0- 30	N	1037	265	211
	WEIGHTED N	94759	9921	8807
	MEAN	0.2382	-0.3046	-0.0031
	STAN. DEV.	3.2090	4.0957	3.7671

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
SRA -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 24	-0.61	-0.16	0.44	BLACK	0.620	444	24	422
13- 18	-2.16	0.55	2.70	BLACK	6.106	364	75	291
7- 12	0.26	1.79	1.54	WHITE	3.428	231	110	123
0- 6	3.24	6.67	3.43	WHITE	3.142	64	54	12
TOTAL SCORE RANGE								
0- 30	-0.30	0.24	0.54	BLACK	2.277	1300	265	1037

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
19- 24	-1.71	-0.16	1.54	SPANISH	2.311	448	28	422
13- 18	-1.35	0.55	1.89	SPANISH	4.036	354	65	291
7- 12	1.04	1.79	0.76	WHITE	1.577	207	86	123
0- 6	2.21	6.67	4.46	WHITE	3.822	40	30	12
TOTAL SCORE RANGE								
0- 30	-0.00	0.24	0.24	WHITE	0.922	1246	211	1037

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
SRA - SAT

SCOPE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	40	0	1
	WEIGHTED N	3633	0	85
	MEAN	-2.1799	0.0	-0.5000
	STAN. DEV.	2.6382	0.0	0.0
25- 32	N	234	7	2
	WEIGHTED N	19324	331	233
	MEAN	-0.8233	-5.1604	-3.0987
	STAN. DEV.	3.4867	5.9668	0.7346
17- 24	N	380	52	9
	WEIGHTED N	31467	2335	744
	MEAN	-0.0314	-1.7481	-0.7973
	STAN. DEV.	3.5992	4.2592	5.6138
9- 16	N	332	162	32
	WEIGHTED N	26843	6984	3091
	MEAN	C.7752	0.3417	-1.5107
	STAN. DEV.	3.9733	4.0799	3.5131
0- 8	N	77	94	11
	WEIGHTED N	6601	4173	1150
	MEAN	4.3122	2.7768	3.2428
	STAN. DEV.	4.3274	3.6241	3.8540
TOTAL SCORE RANGE				
0- 40	N	1063	315	55
	WEIGHTED N	87868	13823	5303
	MEAN	C.2784	0.5921	-0.4334
	STAN. DEV.	3.9597	4.4138	4.3357

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
SRA - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	-5.16	-0.82	4.34	BLACK	2.947	239	7	234
17- 24	-1.75	-0.03	1.72	BLACK	3.026	430	52	380
9- 16	0.34	0.78	0.43	WHITE	1.179	492	162	332
0- 8	2.78	4.31	1.54	WHITE	2.604	169	94	77
TOTAL SCORE RANGE								
0- 40	0.59	0.28	0.31	BLACK	1.198	1376	315	1063

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 40	-0.43	0.28	0.71	SPANISH	1.261	1116	55	1063

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
SAT - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	167	1	0
	WEIGHTED N	15653	125	0
	MEAN	-2.1523	-4.8000	0.0
	STAN. DEV.	3.8787	0.0	0.0
25- 32	N	363	17	27
	WEIGHTED N	34092	1115	1429
	MEAN	-0.4680	-2.2801	-0.7738
	STAN. DEV.	4.1970	5.2974	3.2546
17- 24	N	347	47	79
	WEIGHTED N	34085	2831	3543
	MEAN	0.6684	-2.4901	-0.8328
	STAN. DEV.	4.6610	4.6442	4.3321
9- 16	N	189	90	130
	WEIGHTED N	18070	5912	5404
	MEAN	1.5280	0.5489	0.8910
	STAN. DEV.	4.9739	4.5077	3.9715
0- 8	N	42	25	44
	WEIGHTED N	4200	1696	1929
	MEAN	3.6146	3.2485	4.2665
	STAN. DEV.	3.6887	3.5851	4.1442
TOTAL SCORE RANGE				
0- 40	N	1108	180	280
	WEIGHTED N	106100	11679	12305
	MEAN	0.1502	-0.1231	0.7305
	STAN. DEV.	4.6261	4.8965	4.3808

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
SAT - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
25- 32	-2.28	-0.47	1.81	BLACK	1.644	378	17	363
17- 24	-2.49	0.67	3.16	BLACK	4.574	392	47	347
9- 16	0.55	1.53	0.98	WHITE	1.721	277	90	189
0- 8	3.25	3.61	0.37	WHITE	0.326	65	25	42
TOTAL SCORE RANGE								
0- 40	-0.12	0.15	0.27	WHITE	0.736	1286	180	1108

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
25- 32	-0.77	-0.47	0.31	SPANISH	0.345	388	27	363
17- 24	-0.83	0.67	1.50	SPANISH	2.711	424	79	347
9- 16	0.89	1.53	0.64	WHITE	1.258	317	130	189
0- 8	4.27	3.61	0.65	SPANISH	0.680	84	44	42
TOTAL SCORE RANGE								
0- 40	0.73	0.15	0.58	SPANISH	1.878	1386	280	1108

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
SAT - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	208	9	4
	WEIGHTED N	17301	1200	288
	MEAN	-1.3052	-2.2303	-0.3295
	STAN. DEV.	3.4923	5.1938	1.7577
25- 32	N	454	39	19
	WEIGHTED N	40186	5334	1521
	MEAN	-0.2497	-1.6289	-2.3932
	STAN. DEV.	3.9907	4.1694	6.0020
17- 24	N	325	75	39
	WEIGHTED N	28087	9410	3115
	MEAN	0.5344	-1.7881	-1.1228
	STAN. DEV.	4.8932	5.4012	4.4429
9- 16	N	163	108	61
	WEIGHTED N	14832	13031	5178
	MEAN	1.4563	0.0722	2.3012
	STAN. DEV.	4.8292	5.1499	3.5097
0- 8	N	17	25	21
	WEIGHTED N	1695	3104	1833
	MEAN	3.5100	1.6971	6.3701
	STAN. DEV.	4.4073	2.8936	3.3948
TOTAL SCORE RANGE				
0- 40	N	1167	256	144
	WEIGHTED N	102101	32079	11935
	MEAN	0.0974	-0.6853	1.3707
	STAN. DEV.	4.4189	5.0416	4.9643

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
SAT - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 32	-1.63	-0.25	1.38	BLACK	1.819	491	39	454
17- 24	-1.79	0.53	2.32	BLACK	3.991	398	75	325
9- 16	0.07	1.46	1.38	WHITE	2.456	269	108	163
0- 8	1.70	3.51	1.81	WHITE	1.269	40	25	17
TOTAL SCORE RANGE								
0- 40	-0.69	0.10	0.78	BLACK	2.475	1421	256	1167

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
25- 32	-2.39	-0.25	2.14	SPANISH	2.015	471	19	454
17- 24	-1.12	0.53	1.66	SPANISH	2.153	362	39	325
9- 16	2.30	1.46	0.84	SPANISH	1.239	222	61	163
0- 8	6.37	3.51	2.86	SPANISH	1.930	36	21	17
TOTAL SCORE RANGE								
0- 40	1.37	0.10	1.27	SPANISH	3.146	1309	144	1167

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
SAT - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
33- 40	N	153	0	1
	WEIGHTED N	15730	0	39
	MEAN	-1.7914	0.0	-9.6000
	STAN. DEV.	3.2125	0.0	0.0000
25- 32	N	427	15	6
	WEIGHTED N	41645	706	322
	MEAN	-0.9484	-1.2150	-3.5901
	STAN. DEV.	4.0924	3.6000	5.8173
17- 24	N	418	44	14
	WEIGHTED N	40062	2371	815
	MEAN	0.1546	-0.6046	2.0194
	STAN. DEV.	4.8555	4.9249	5.7877
9- 16	N	336	133	44
	WEIGHTED N	30145	7066	1976
	MEAN	1.7114	0.0163	0.0997
	STAN. DEV.	4.6064	4.2327	4.2202
0- 8	N	44	53	21
	WEIGHTED N	3892	2748	953
	MEAN	4.4430	3.9171	4.8314
	STAN. DEV.	3.8006	4.0058	4.1466
TOTAL SCORE RANGE				
0- 40	N	1378	245	86
	WEIGHTED N	131474	12891	4105
	MEAN	0.0563	0.6662	1.1978
	STAN. DEV.	4.5766	4.6246	5.3437

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-VOCAB
SAT - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
25- 32	-1.22	-0.95	0.27	BLACK	0.226	440	15	427
17- 24	-0.60	0.15	0.76	BLACK	1.067	460	44	418
9- 16	0.02	1.71	1.70	WHITE	3.687	467	133	336
0- 8	3.92	4.44	0.53	WHITE	0.574	95	53	44
TOTAL SCORE RANGE								
0- 40	0.67	0.06	0.61	BLACK	1.900	1621	245	1378

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
25- 32	-3.59	-0.95	2.64	SPANISH	1.432	431	6	427
17- 24	2.02	0.15	1.86	SPANISH	1.529	430	14	418
9- 16	0.10	1.71	1.61	WHITE	2.240	378	44	336
0- 8	4.83	4.44	0.39	SPANISH	0.326	63	21	44
TOTAL SCORE RANGE								
0- 40	1.20	0.06	1.14	SPANISH	2.218	1462	86	1378

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
SAT - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	411	7	3
	WEIGHTED N	37091	424	273
	MEAN	-0.9316	-1.6967	-1.4333
	STAN. DEV.	3.1399	4.9497	1.4055
31- 40	N	296	19	24
	WEIGHTED N	27115	1242	2267
	MEAN	-0.3244	-1.5595	-2.8745
	STAN. DEV.	6.2060	4.2399	5.9206
21- 30	N	139	20	19
	WEIGHTED N	12181	1464	1580
	MEAN	0.1334	0.0857	-0.5204
	STAN. DEV.	8.6515	9.6332	7.3816
11- 20	N	133	61	33
	WEIGHTED N	12084	4316	2496
	MEAN	3.0944	3.3953	2.2435
	STAN. DEV.	8.0025	6.6664	6.8176
0- 10	N	27	17	9
	WEIGHTED N	2128	1227	687
	MEAN	8.9822	8.0495	5.8349
	STAN. DEV.	5.6559	9.4638	4.0573
TOTAL SCORE RANGE				
0- 50	N	1006	124	88
	WEIGHTED N	90599	8673	7303
	MEAN	0.1632	2.5366	0.2572
	STAN. DEV.	6.2011	7.9487	6.9091

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
SAT - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
31- 40	-1.56	-0.32	1.24	BLACK	0.721	313	19	296
21- 30	0.09	0.13	0.05	WHITE	0.028	157	20	139
11- 20	3.40	3.09	0.30	BLACK	0.269	192	61	133
0- 10	8.05	8.98	0.93	WHITE	0.416	42	17	27
TOTAL SCORE RANGE								
0- 50	2.54	0.16	2.37	BLACK	3.860	1128	124	1006

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
31- 40	-2.87	-0.32	2.55	SPANISH	1.659	318	24	296
21- 30	-0.52	0.13	0.65	SPANISH	0.369	156	19	139
11- 20	2.24	3.09	0.85	WHITE	0.604	164	33	133
0- 10	5.83	8.98	3.15	WHITE	1.129	34	9	27
TOTAL SCORE RANGE								
0- 50	0.26	0.16	0.09	SPANISH	0.131	1092	88	1006

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
SAT -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	150	1	3
	WEIGHTED N	13786	85	301
	MEAN	-1.4948	-0.2000	-1.3392
	STAN. DEV.	2.5283	0.0000	2.4939
19- 24	N	415	20	10
	WEIGHTED N	37447	1269	1098
	MEAN	-0.5909	-2.3131	-0.9343
	STAN. DEV.	3.2552	2.6855	2.4169
13- 18	N	366	86	34
	WEIGHTED N	30990	5856	3522
	MEAN	-0.1296	-2.4484	-0.1967
	STAN. DEV.	3.4778	3.2413	2.7317
7- 12	N	143	143	15
	WEIGHTED N	12233	8241	1479
	MEAN	2.1016	1.0979	2.3341
	STAN. DEV.	3.9580	3.6480	3.8231
0- 6	N	32	48	4
	WEIGHTED N	2699	2590	518
	MEAN	5.4190	3.7778	5.1467
	STAN. DEV.	4.7194	2.4625	2.1029
TOTAL SCORE RANGE				
0- 30	N	1106	298	66
	WEIGHTED N	97155	18041	6918
	MEAN	-0.0661	0.0855	0.5777
	STAN. DEV.	3.6421	3.9726	3.3916

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
SAT -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 24	-2.31	-0.59	1.72	BLACK	2.166	433	20	415
13- 18	-2.45	-0.13	2.32	BLACK	5.571	450	86	366
7- 12	1.10	2.10	1.00	WHITE	2.443	284	143	143
0- 6	3.78	5.42	1.64	WHITE	2.071	78	48	32
TOTAL SCORE RANGE								
0- 30	0.09	-0.07	0.15	BLACK	0.527	1402	298	1106

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 30	0.58	-0.07	0.64	SPANISH	1.371	1170	66	1106

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
SAT - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	109	1	1
	WEIGHTED N	8947	41	85
	MEAN	-1.4564	-3.0000	0.4000
	STAN. DEV.	3.5234	0.0	0.0000
28- 36	N	283	19	6
	WEIGHTED N	23893	871	539
	MEAN	-1.2540	-5.6336	-2.6955
	STAN. DEV.	5.0064	7.3446	5.7751
19- 27	N	308	51	3
	WEIGHTED N	25056	2290	299
	MEAN	-0.4160	-2.9152	-3.9047
	STAN. DEV.	5.5547	4.6746	2.1722
10- 18	N	306	176	34
	WEIGHTED N	24856	7577	3265
	MEAN	0.3498	-0.3748	0.0569
	STAN. DEV.	4.4944	4.8186	4.4341
0- 9	N	57	68	11
	WEIGHTED N	5116	3044	1115
	MEAN	3.3622	2.0519	4.2587
	STAN. DEV.	3.8744	3.9862	3.9026
TOTAL SCORE RANGE				
0- 45	N	1063	315	55
	WEIGHTED N	87868	13823	5303
	MEAN	-0.3132	-0.6004	0.4427
	STAN. DEV.	4.9753	5.2272	4.9177

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
SAT - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
28- 36	-5.63	-1.25	4.38	BLACK	3.729	300	19	283
19- 27	-2.92	-0.42	2.50	BLACK	3.336	357	51	308
10- 18	-0.37	0.35	0.72	BLACK	1.546	480	176	306
0- 9	2.05	3.36	1.31	WHITE	1.472	123	68	57
TOTAL SCORE RANGE								
0- 45	-0.60	-0.31	0.29	BLACK	0.889	1376	315	1063

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	0.44	-0.31	0.76	SPANISH	1.086	1116	55	1063

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VCCAB
GMT - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	1506	66	22
	WEIGHTED N	144139	6384	2157
	MEAN	-1.2788	-2.0881	-2.7314
	STAN. DEV.	3.8403	4.1607	4.0131
31- 40	N	745	140	36
	WEIGHTED N	71578	10580	3709
	MEAN	0.1260	-1.7113	1.8738
	STAN. DEV.	5.9913	6.6737	5.4220
21- 30	N	332	182	39
	WEIGHTED N	33086	13641	3691
	MEAN	1.1452	-0.5194	2.7397
	STAN. DEV.	7.9157	6.9732	8.4572
11- 20	N	159	242	35
	WEIGHTED N	16660	16728	3572
	MEAN	3.8358	1.0047	2.7810
	STAN. DEV.	7.4061	6.1342	7.4792
0- 10	N	19	63	3
	WEIGHTED N	2067	4453	301
	MEAN	7.5756	5.3616	2.4349
	STAN. DEV.	8.0123	5.0485	0.7893
TOTAL SCORE RANGE				
0- 50	N	2761	693	135
	WEIGHTED N	267530	51786	13430
	MEAN	-0.2163	0.0417	1.6260
	STAN. DEV.	5.6188	6.5109	7.0023

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB
GMT - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES	
							BLACK	WHITE
41- 50	-2.09	-1.28	0.81	BLACK	1.146	1570	66	1506
31- 40	-1.71	0.13	1.84	BLACK	3.550	883	140	745
21- 30	-0.52	1.15	1.66	WHITE	3.213	512	182	332
11- 20	1.00	3.84	2.83	WHITE	4.936	399	242	159
0- 10	5.36	7.58	2.21	WHITE	1.506	80	63	19
TOTAL SCORE RANGE								
0- 50	0.04	-0.22	0.26	WHITE	1.036	3452	693	2761

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES	
							SPANISH	WHITE
41- 50	-2.73	-1.28	1.45	SPANISH	1.204	1526	22	1506
31- 40	1.87	0.13	1.75	SPANISH	1.823	779	36	745
21- 30	2.74	1.15	1.59	SPANISH	1.677	369	39	332
11- 20	2.78	3.84	1.05	WHITE	1.006	192	35	159
0- 10	2.43	7.58	5.14	WHITE	1.473	20	3	19
TOTAL SCORE RANGE								
0- 50	1.63	-0.22	1.84	SPANISH	3.566	2894	135	2761

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-VOCAB
MAT - GMT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	67	0	1
	WEIGHTED N	6280	0	90
	MEAN	-5.3278	0.0	-8.7000
	STAN. DEV.	4.6983	0.0	0.0000
31- 40	N	1038	36	14
	WEIGHTED N	100781	3537	1440
	MEAN	-1.0168	-2.8946	-4.1468
	STAN. DEV.	4.0062	3.9562	5.2503
21- 30	N	1211	194	63
	WEIGHTED N	116120	14622	6177
	MEAN	0.8601	-0.9164	-1.5491
	STAN. DEV.	4.4531	4.3002	4.8622
11- 20	N	405	370	45
	WEIGHTED N	39930	27046	4418
	MEAN	1.8037	0.2735	-0.3244
	STAN. DEV.	4.2575	4.1291	3.5507
0- 10	N	40	93	12
	WEIGHTED N	4419	6581	1305
	MEAN	5.3552	2.1246	3.6178
	STAN. DEV.	5.4884	4.5315	4.0837
TOTAL SCORE RANGE				
0- 50	N	2761	693	135
	WEIGHTED N	267530	51786	13430
	MEAN	0.2229	-0.0436	-0.9706
	STAN. DEV.	4.5454	4.3846	4.8390

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-VOCAB

MAT - GMT

DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
31- 40	-2.89	-1.02	1.88	BLACK	2.589	1072	36	1038
21- 30	-0.92	0.86	1.78	BLACK	5.369	1403	194	1211
11- 20	0.27	1.80	1.53	WHITE	4.973	773	370	405
0- 10	2.12	5.36	3.23	WHITE	3.993	131	93	40
TOTAL SCORE RANGE								
0- 50	-0.04	0.22	0.27	WHITE	1.385	3452	693	2761

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
31- 40	-4.15	-1.02	3.13	SPANISH	2.719	1050	14	1038
21- 30	-1.55	0.86	2.41	SPANISH	4.358	1272	63	1211
11- 20	-0.32	1.80	2.13	WHITE	3.165	448	45	405
0- 10	3.62	5.36	1.74	WHITE	1.234	50	12	40
TOTAL SCORE RANGE								
0- 50	-0.97	0.22	1.19	SPANISH	2.990	2894	135	2761

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

READING COMPREHENSION

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
CAT - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	204	8	0
	WEIGHTED N	18135	765	0
	MEAN	-2.6962	-6.7952	0.0
	STAN. DEV.	4.5595	6.4054	0.0
28- 36	N	497	29	5
	WEIGHTED N	43576	2808	280
	MEAN	-1.9555	-3.2036	-4.0000
	STAN. DEV.	5.9984	7.2667	4.6213
19- 27	N	446	58	6
	WEIGHTED N	40440	4948	589
	MEAN	-0.4276	-3.3382	0.3912
	STAN. DEV.	6.4759	6.0061	3.4048
10- 18	N	375	149	7
	WEIGHTED N	34248	9481	739
	MEAN	1.6773	0.4071	7.1248
	STAN. DEV.	5.3086	4.6168	8.1083
0- 9	N	49	49	1
	WEIGHTED N	4733	3155	56
	MEAN	6.6401	4.2429	8.6000
	STAN. DEV.	6.6247	4.2437	0.0
TOTAL SCORE RANGE				
0- 45	N	1571	293	19
	WEIGHTED N	141132	21157	1664
	MEAN	-0.4430	-0.6365	2.9190
	STAN. DEV.	6.1839	6.0957	7.4936

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
CAT - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
28- 36	-3.20	-1.96	1.25	BLACK	1.110	524	29	497
19- 27	-3.34	-0.43	2.91	BLACK	3.542	502	58	446
10- 18	0.41	1.68	1.27	WHITE	2.228	522	149	375
0- 9	4.24	6.64	2.40	WHITE	2.015	96	49	49
TOTAL SCORE RANGE								
0- 45	-0.64	-0.44	0.19	BLACK	0.491	1862	293	1571

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	2.92	-0.44	3.36	SPANISH	2.353	1588	19	1571

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
CAT - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
57- 70	N	60	0	0
	WEIGHTED N	4173	0	0
	MEAN	-3.1494	0.0	0.0
	STAN. DEV.	5.3388	0.0	0.0
43- 56	N	330	2	6
	WEIGHTED N	29424	190	682
	MEAN	-3.3382	-10.6100	-2.7411
	STAN. DEV.	7.2391	6.0948	10.7150
29- 42	N	430	12	17
	WEIGHTED N	41093	751	1838
	MEAN	-0.8650	-4.8943	-2.4067
	STAN. DEV.	8.9135	4.5947	5.9597
15- 28	N	414	55	34
	WEIGHTED N	42153	4528	3636
	MEAN	1.6537	-2.0465	0.9619
	STAN. DEV.	7.3209	6.3339	5.2989
0- 14	N	58	16	4
	WEIGHTED N	5843	1204	400
	MEAN	5.5289	3.6738	9.6835
	STAN. DEV.	7.5560	3.5110	3.6337
TOTAL SCORE RANGE				
0- 70	N	1292	85	61
	WEIGHTED N	122686	6673	6556
	MEAN	-0.3659	-1.5788	0.1644
	STAN. DEV.	8.1735	6.4472	6.8478

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
CAT - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
29- 42	-4.89	-0.86	4.03	BLACK	1.726	440	12	430
15- 28	-2.05	1.65	3.70	BLACK	3.231	467	55	414
0- 14	3.67	5.53	1.86	WHITE	0.823	72	16	58
TOTAL SCORE RANGE								
0- 70	-1.58	-0.37	1.21	BLACK	1.348	1375	85	1292

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 70	0.16	-0.37	0.53	WHITE	0.504	1351	61	1292

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
CAT - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	470	3	15
	WEIGHTED N	28364	222	636
	MEAN	-1.3610	-1.3545	-2.3673
	STAN. DEV.	4.2860	1.4943	3.4367
28- 36	N	521	38	19
	WEIGHTED N	36039	2757	1490
	MEAN	-0.6561	-2.3634	-0.6638
	STAN. DEV.	5.8319	6.2557	3.2135
19- 27	N	315	91	24
	WEIGHTED N	22290	5469	2361
	MEAN	0.1124	-0.1553	-0.1534
	STAN. DEV.	6.2520	5.9102	6.7647
10- 18	N	150	151	22
	WEIGHTED N	10470	9748	2173
	MEAN	3.4985	1.1325	-0.6604
	STAN. DEV.	7.2463	5.2504	4.3032
0- 9	N	21	16	2
	WEIGHTED N	1478	1015	131
	MEAN	6.6823	6.9028	3.9967
	STAN. DEV.	6.8027	5.1915	0.6483
TOTAL SCORE RANGE				
0- 45	N	1477	299	82
	WEIGHTED N	98641	19211	6841
	MEAN	-0.1342	0.5403	-0.5216
	STAN. DEV.	5.9720	5.8910	5.0939

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
CAT - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
37- 45	-1.35	-1.36	0.01	WHITE	0.002	471	3	470
28- 36	-2.36	-0.66	1.71	BLACK	1.800	557	38	521
19- 27	-0.16	0.11	0.27	BLACK	0.398	404	91	315
10- 18	1.13	3.50	2.37	WHITE	3.637	299	151	150
TOTAL SCORE RANGE								
0- 45	0.54	-0.13	0.67	BLACK	1.794	1774	299	1477

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
37- 45	-2.37	-1.36	1.01	SPANISH	0.680	483	15	470
28- 36	-0.66	-0.66	0.01	SPANISH	0.006	538	19	521
19- 27	-0.15	0.11	0.27	SPANISH	0.222	337	24	315
10- 18	-0.66	3.50	4.16	WHITE	3.228	170	22	150
TOTAL SCORE RANGE								
0- 45	-0.52	-0.13	0.39	SPANISH	0.576	1557	82	1477

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RCG CCMP
CAT -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	83	2	2
	WEIGHTED N	9453	66	270
	MEAN	-2.6353	0.4242	-2.6000
	STAN. DEV.	3.5671	0.8496	2.3000
19- 24	N	238	4	1
	WEIGHTED N	24517	259	65
	MEAN	-1.2726	-4.7525	-5.4000
	STAN. DEV.	4.0708	3.0974	C.0000
13- 18	N	345	37	13
	WEIGHTED N	35794	2116	912
	MEAN	C.0631	-1.1827	-1.2387
	STAN. DEV.	4.2217	4.3015	3.6318
7- 12	N	318	136	25
	WEIGHTED N	32383	7568	1748
	MEAN	1.5240	-0.6717	0.3767
	STAN. DEV.	3.7785	3.1855	2.8699
0- 6	N	88	85	17
	WEIGHTED N	9210	5039	1196
	MEAN	4.1164	1.6913	3.2128
	STAN. DEV.	4.0748	2.6292	2.8525
TOTAL SCORE RANGE				
0- 30	N	1072	264	58
	WEIGHTED N	111357	15048	4191
	MEAN	C.3000	-0.0177	0.5532
	STAN. DEV.	4.3494	3.4582	3.5901

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
CAT -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 24	-4.75	-1.27	3.48	BLACK	1.775	240	4	238
13- 18	-1.18	0.06	1.25	BLACK	1.853	380	37	345
7- 12	-0.67	1.52	2.20	WHITE	5.513	452	136	318
0- 6	1.69	4.12	2.43	WHITE	4.102	171	85	88
TOTAL SCORE RANGE								
0- 30	-0.02	0.30	0.32	WHITE	1.109	1334	264	1072

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 30	0.55	0.30	0.25	SPANISH	0.450	1128	58	1072

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
CAT - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	53	0	0
	WEIGHTED N	3574	0	0
	MEAN	-2.8133	0.0	0.0
	STAN. DEV.	3.5631	0.0	0.0
31- 40	N	243	8	1
	WEIGHTED N	19651	643	84
	MEAN	-2.3221	-4.3711	0.8000
	STAN. DEV.	6.0371	7.3928	0.0
21- 30	N	367	45	4
	WEIGHTED N	30455	3578	291
	MEAN	0.1669	-3.7042	2.4124
	STAN. DEV.	6.2276	6.3094	2.0402
11- 20	N	344	191	7
	WEIGHTED N	30731	16503	635
	MEAN	1.6474	-0.5362	-0.5672
	STAN. DEV.	5.5848	4.7563	4.5590
0- 10	N	47	41	2
	WEIGHTED N	4234	3152	241
	MEAN	3.6903	3.8670	2.3282
	STAN. DEV.	4.0979	4.9247	0.4197
TOTAL SCORE RANGE				
0- 50	N	1054	285	14
	WEIGHTED N	88645	23876	1251
	MEAN	0.1765	-0.5330	0.7755
	STAN. DEV.	6.0510	5.5440	3.6817

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
CAT - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
31- 40	-4.37	-2.32	2.05	BLACK	0.993	249	8	243
21- 30	-3.70	0.17	3.87	BLACK	4.268	410	45	367
11- 20	-0.54	1.65	2.18	WHITE	4.214	533	191	344
0- 10	3.87	3.69	0.18	BLACK	0.144	86	41	47
TOTAL SCORE RANGE								
0- 50	-0.53	0.18	0.71	BLACK	1.791	1337	285	1054

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 50	0.78	0.18	0.60	SPANISH	0.375	1066	14	1054

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
CAT - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	77	0	0
	WEIGHTED N	7745	0	0
	MEAN	-4.1685	0.0	0.0
	STAN. DEV.	5.2913	0.0	0.0
37- 48	N	330	3	17
	WEIGHTED N	30823	301	1028
	MEAN	-2.9303	-8.9615	-4.2158
	STAN. DEV.	6.3655	2.9095	3.8416
25- 36	N	384	40	59
	WEIGHTED N	36881	2327	2738
	MEAN	-1.1150	-1.9877	0.7762
	STAN. DEV.	7.0939	7.7070	6.2330
13- 24	N	284	113	176
	WEIGHTED N	27623	7685	7360
	MEAN	1.7484	0.5455	1.9779
	STAN. DEV.	6.5668	5.9091	6.2072
0- 12	N	33	24	28
	WEIGHTED N	3028	1366	1179
	MEAN	7.0412	4.6922	5.3986
	STAN. DEV.	6.5477	3.3374	5.4612
TOTAL SCORE RANGE				
0- 60	N	1108	180	230
	WEIGHTED N	106100	11679	12305
	MEAN	-0.8870	0.2807	1.5209
	STAN. DEV.	7.0269	6.4716	6.3418

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
CAT - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
37- 48	-8.96	-2.93	6.03	BLACK	1.592	331	3	330
25- 36	-1.99	-1.11	0.87	BLACK	0.804	422	40	384
13- 24	0.55	1.75	1.20	WHITE	1.655	395	113	284
0- 12	4.69	7.04	2.35	WHITE	1.340	55	24	33
TOTAL SCORE RANGE								
0- 60	0.28	-0.89	1.17	WHITE	2.120	1286	180	1108

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
37- 48	-4.22	-2.93	1.29	SPANISH	0.791	345	17	330
25- 36	0.78	-1.11	1.89	WHITE	2.070	441	59	384
13- 24	1.98	1.75	0.23	SPANISH	0.366	458	176	284
0- 12	5.40	7.04	1.64	WHITE	0.979	59	28	33
TOTAL SCORE RANGE								
0- 60	1.52	-0.89	2.41	SPANISH	5.253	1386	280	1108

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
CTBS - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	41	1	0
	WEIGHTED N	3767	35	0
	MEAN	-2.4308	-1.0000	0.0
	STAN. DEV.	3.3374	0.0	0.0
28- 36	N	349	12	3
	WEIGHTED N	30711	1330	410
	MEAN	-1.3521	0.1916	-8.8224
	STAN. DEV.	4.4284	5.5144	4.8639
19- 27	N	635	62	7
	WEIGHTED N	56378	5043	569
	MEAN	-0.0429	-1.3105	0.3961
	STAN. DEV.	4.8784	5.0544	3.6934
10- 18	N	485	175	8
	WEIGHTED N	45239	11806	586
	MEAN	1.7669	0.8406	-0.5925
	STAN. DEV.	4.9113	4.8119	3.6037
0- 9	N	61	43	1
	WEIGHTED N	5037	2943	99
	MEAN	5.0693	2.5948	2.7000
	STAN. DEV.	4.2029	4.2259	0.0000
TOTAL SCORE RANGE				
0- 45	N	1571	293	19
	WEIGHTED N	141132	21157	1664
	MEAN	0.3711	0.5280	-2.0864
	STAN. DEV.	4.9770	4.9871	5.5230

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
CTBS - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
28- 36	0.19	-1.35	1.54	WHITE	1.099	359	12	349
19- 27	-1.31	-0.04	1.27	BLACK	1.992	695	62	635
10- 18	0.84	1.77	0.93	WHITE	2.196	658	175	485
0- 9	2.59	5.07	2.47	WHITE	2.598	102	43	61
TOTAL SCORE RANGE								
0- 45	0.53	0.37	0.16	BLACK	0.494	1862	293	1571

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	-2.09	0.37	2.46	SPANISH	2.134	1588	19	1571

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RCG CCMP
CTBS - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
57- 70	N	39	0	0
	WEIGHTED N	2405	0	0
	MEAN	-4.6324	0.0	0.0
	STAN. DEV.	4.8898	0.0	0.0
43- 56	N	235	9	4
	WEIGHTED N	17746	656	302
	MEAN	-2.8266	-4.1334	-2.4772
	STAN. DEV.	6.9556	5.9258	4.3811
29- 42	N	292	56	16
	WEIGHTED N	24377	4185	1276
	MEAN	-0.1130	-1.7395	-2.6734
	STAN. DEV.	8.0224	7.5524	8.3310
15- 28	N	307	181	40
	WEIGHTED N	27176	15659	3878
	MEAN	1.3430	-0.0713	0.0973
	STAN. DEV.	6.1592	6.0691	5.6483
0- 14	N	51	47	9
	WEIGHTED N	4889	4608	1033
	MEAN	5.0859	4.3207	7.0594
	STAN. DEV.	4.2000	5.8194	4.1510
TOTAL SCORE RANGE				
0- 70	N	924	293	69
	WEIGHTED N	76593	25108	6489
	MEAN	-0.0367	0.3506	0.5409
	STAN. DEV.	7.2016	6.6234	6.7593

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
CTBS - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
43- 56	-4.13	-2.83	1.31	BLACK	0.564	242	9	235
29- 42	-1.74	-0.11	1.63	BLACK	1.634	346	56	292
15- 28	-0.07	1.34	1.41	WHITE	2.212	486	181	307
0- 14	4.32	5.09	0.77	WHITE	0.555	96	47	51
TOTAL SCORE RANGE								
0- 70	0.35	-0.04	0.39	BLACK	0.818	1215	293	924

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 70	0.54	-0.04	0.58	SPANISH	0.656	991	69	924

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
CTBS - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	331	4	13
	WEIGHTED N	28617	360	1157
	MEAN	-1.6908	-1.8606	-1.2468
	STAN. DEV.	3.7965	4.1284	2.8948
28- 36	N	305	24	35
	WEIGHTED N	29804	2602	3125
	MEAN	-0.5347	-3.2075	-2.0843
	STAN. DEV.	5.4863	8.4477	4.8432
19- 27	N	192	34	50
	WEIGHTED N	20323	3302	4623
	MEAN	0.6427	-2.4822	0.5961
	STAN. DEV.	6.2730	8.1033	5.7209
10- 18	N	118	96	33
	WEIGHTED N	13150	11281	3204
	MEAN	1.2410	0.3370	-0.3201
	STAN. DEV.	6.0296	4.8690	5.3730
0- 9	N	9	26	2
	WEIGHTED N	889	3493	266
	MEAN	5.2709	4.7691	7.6571
	STAN. DEV.	4.2500	4.4559	4.5412
TOTAL SCORE RANGE				
0- 45	N	955	184	133
	WEIGHTED N	92783	21038	12375
	MEAN	-0.3261	0.1544	-0.3385
	STAN. DEV.	5.4315	6.4455	5.4221

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
CTBS - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
37- 45	-1.86	-1.69	0.17	BLACK	0.063	333	4	331
28- 36	-3.21	-0.53	2.67	BLACK	2.345	327	24	305
19- 27	-2.48	0.64	3.12	BLACK	3.124	224	34	192
10- 18	0.34	1.24	0.90	WHITE	1.223	212	96	118
0- 9	4.77	5.27	0.50	WHITE	0.241	33	26	9
TOTAL SCORE RANGE								
0- 45	0.15	-0.33	0.48	WHITE	1.067	1137	184	955

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
37- 45	-1.25	-1.69	0.44	WHITE	0.292	342	13	331
28- 36	-2.08	-0.53	1.55	SPANISH	1.615	338	35	305
19- 27	0.60	0.64	0.05	WHITE	0.055	240	50	192
10- 18	-0.32	1.24	1.56	WHITE	1.475	149	33	118
0- 9	7.66	5.27	2.39	SPANISH	0.568	9	2	9
TOTAL SCORE RANGE								
0- 45	-0.34	-0.33	0.01	SPANISH	0.024	1086	133	955

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
CTBS -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	104	3	1
	WEIGHTED N	8367	207	83
	MEAN	-2.3689	-1.9638	0.8000
	STAN. DEV.	3.0635	1.8604	0.0000
19- 24	N	336	4	5
	WEIGHTED N	28344	358	369
	MEAN	-1.2053	-2.1014	-3.7688
	STAN. DEV.	3.6674	1.8909	2.2446
13- 18	N	481	32	20
	WEIGHTED N	41395	2518	1570
	MEAN	-0.3289	-2.8620	0.7179
	STAN. DEV.	4.1515	4.0019	3.0812
7- 12	N	475	111	22
	WEIGHTED N	41748	7596	1473
	MEAN	0.5679	-0.7367	0.5445
	STAN. DEV.	3.3723	3.6404	3.2228
0- 6	N	98	32	4
	WEIGHTED N	9013	2370	363
	MEAN	2.8181	2.1095	-0.2777
	STAN. DEV.	2.8032	2.4908	1.5644
TOTAL SCORE RANGE				
0- 30	N	1494	182	52
	WEIGHTED N	128867	13049	3858
	MEAN	-0.1435	-0.6868	0.1307
	STAN. DEV.	3.8335	3.8079	3.1979

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG CCMP
CTBS -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
19- 24	-2.10	-1.21	0.90	BLACK	0.484	338	4	336
13- 18	-2.86	-0.33	2.53	BLACK	3.767	511	32	481
7- 12	-0.74	0.57	1.30	BLACK	3.360	584	111	475
0- 6	2.11	2.82	0.71	WHITE	0.945	128	32	98
TOTAL SCORE RANGE								
0- 30	-0.69	-0.14	0.54	BLACK	1.813	1674	182	1494

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 30	0.13	-0.14	0.27	WHITE	0.509	1544	52	1494

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG CCMP
CTBS - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	50	2	0
	WEIGHTED N	3668	140	0
	MEAN	-3.2166	-8.1843	0.0
	STAN. DEV.	4.1273	4.9176	0.0
31- 40	N	238	6	0
	WEIGHTED N	20097	551	0
	MEAN	-2.0031	-2.9848	0.0
	STAN. DEV.	5.7216	5.7374	0.0
21- 30	N	353	66	6
	WEIGHTED N	32462	5479	644
	MEAN	-0.2675	-2.7404	-1.9991
	STAN. DEV.	5.4131	4.4738	4.9416
11- 20	N	410	326	10
	WEIGHTED N	37001	26743	865
	MEAN	1.3643	-0.2247	0.6571
	STAN. DEV.	4.7194	4.5490	3.3731
0- 10	N	53	121	6
	WEIGHTED N	4898	8201	500
	MEAN	5.2431	4.4124	2.2018
	STAN. DEV.	4.2206	3.8466	4.4800
TOTAL SCORE RANGE				
0- 50	N	1104	521	22
	WEIGHTED N	98126	41114	2009
	MEAN	0.1572	0.3009	0.1901
	STAN. DEV.	5.4410	4.9776	4.5121

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
CTBS - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
31- 40	-2.98	-2.00	0.98	BLACK	0.480	242	6	238
21- 30	-2.74	-0.27	2.47	BLACK	3.729	417	66	353
11- 20	-0.22	1.36	1.59	WHITE	4.331	734	326	410
0- 10	4.41	5.24	0.83	WHITE	1.020	172	121	53
TOTAL SCORE RANGE								
0- 50	0.30	0.16	0.14	BLACK	0.511	1623	521	1104

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 50	0.19	0.16	0.03	SPANISH	0.029	1124	22	1104

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
CTBS - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	74	0	1
	WEIGHTED N	6642	0	69
	MEAN	-3.6621	0.0	-8.4000
	STAN. DEV.	4.5399	0.0	0.0000
37- 48	N	339	14	8
	WEIGHTED N	28081	1662	576
	MEAN	-1.4964	-6.6210	-0.1774
	STAN. DEV.	6.7006	8.5787	4.7863
25- 36	N	399	53	36
	WEIGHTED N	36147	6931	2982
	MEAN	0.4257	0.4938	-2.2529
	STAN. DEV.	6.9205	8.9463	5.4184
13- 24	N	313	146	89
	WEIGHTED N	26890	18263	7489
	MEAN	2.1999	0.7186	-0.1537
	STAN. DEV.	6.5301	6.0843	5.8150
0- 12	N	42	43	10
	WEIGHTED N	4341	5223	819
	MEAN	5.2774	6.0245	4.7055
	STAN. DEV.	4.7649	4.3131	2.9704
TOTAL SCORE RANGE				
0- 60	N	1167	256	144
	WEIGHTED N	102101	32079	11935
	MEAN	0.3047	1.1536	-0.3935
	STAN. DEV.	6.8381	7.2392	5.7724

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
CTBS - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
37- 48	-6.62	-1.50	5.12	BLACK	2.848	351	14	339
25- 36	0.49	0.43	0.07	BLACK	0.071	450	53	399
13- 24	0.72	2.20	1.48	WHITE	2.240	457	146	313
0- 12	6.02	5.28	0.75	BLACK	0.522	83	43	42
TOTAL SCORE RANGE								
0- 60	1.15	0.30	0.85	BLACK	1.803	1421	256	1167

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
37- 48	-0.18	-1.50	1.32	WHITE	0.559	345	8	339
25- 36	-2.25	0.43	2.68	SPANISH	2.333	433	36	399
13- 24	-0.15	2.20	2.35	WHITE	2.969	400	89	313
0- 12	4.71	5.28	0.57	WHITE	0.246	50	10	42
TOTAL SCORE RANGE								
0- 60	-0.39	0.30	0.70	SPANISH	1.159	1309	144	1167

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
ITBS - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	53	0	0
	WEIGHTED N	3617	0	0
	MEAN	-2.0018	0.0	0.0
	STAN. DEV.	2.9907	0.0	0.0
28- 36	N	304	2	4
	WEIGHTED N	26946	119	372
	MEAN	-1.5179	-0.5025	-5.0358
	STAN. DEV.	4.1128	1.2489	1.4875
19- 27	N	529	18	27
	WEIGHTED N	51194	1189	3128
	MEAN	-0.2931	-1.7102	-0.0894
	STAN. DEV.	4.7173	5.3733	3.8898
10- 18	N	357	48	29
	WEIGHTED N	36496	4263	2995
	MEAN	2.1600	0.9906	0.2973
	STAN. DEV.	4.6032	3.6960	4.5088
0- 9	N	49	17	1
	WEIGHTED N	4433	1102	61
	MEAN	4.3467	6.0250	2.9000
	STAN. DEV.	4.0436	3.2487	0.0
TOTAL SCORE RANGE				
0- 45	N	1292	85	61
	WEIGHTED N	122686	6673	6556
	MEAN	0.2849	1.3141	-0.1656
	STAN. DEV.	4.7758	4.5894	4.2621

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
ITBS - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 27	-1.71	-0.29	1.42	BLACK	1.283	545	18	529
10- 18	0.59	2.16	1.17	WHITE	1.651	403	48	357
0- 9	6.02	4.35	1.68	BLACK	1.294	64	17	49
TOTAL SCORE RANGE								
0- 45	1.31	0.28	1.03	BLACK	1.935	1375	85	1292

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	-0.17	0.28	0.45	WHITE	0.724	1351	61	1292

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
ITBS - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	134	3	0
	WEIGHTED N	9440	166	0
	MEAN	-1.8354	-5.7952	0.0
	STAN. DEV.	3.6228	4.3586	0.0
28- 36	N	306	27	12
	WEIGHTED N	24192	2360	976
	MEAN	-0.6814	-4.1112	-3.5120
	STAN. DEV.	4.6776	4.2775	3.3886
19- 27	N	239	77	23
	WEIGHTED N	21080	6288	2064
	MEAN	-0.1232	-2.5589	-2.0287
	STAN. DEV.	5.9311	5.8388	6.3524
10- 18	N	215	150	31
	WEIGHTED N	18997	13135	3164
	MEAN	1.3680	0.8407	0.7472
	STAN. DEV.	5.1055	4.5597	4.6813
0- 9	N	30	36	3
	WEIGHTED N	2884	3159	285
	MEAN	4.3179	3.7805	7.9319
	STAN. DEV.	4.7541	5.4416	4.4219
TOTAL SCORE RANGE				
0- 45	N	924	293	69
	WEIGHTED N	76593	25108	6489
	MEAN	0.0265	-0.1501	-0.4608
	STAN. DEV.	5.2209	5.5300	5.6652

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
ITBS - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
28- 36	-4.11	-0.68	3.43	BLACK	3.302	331	27	306
19- 27	-2.56	-0.12	2.44	BLACK	3.593	314	77	239
10- 18	0.84	1.37	0.53	WHITE	0.958	363	150	215
0- 9	3.78	4.32	0.54	WHITE	0.420	64	36	30
TOTAL SCORE RANGE								
0- 45	-0.15	0.03	0.18	BLACK	0.495	1215	293	924

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	-0.46	0.03	0.49	SPANISH	0.734	991	69	924

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RUG COMP
ITBS - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	300	9	4
	WEIGHTED N	28291	766	405
	MEAN	-1.5851	-3.0516	-3.6121
	STAN. DEV.	3.7965	3.2709	5.8566
28- 36	N	330	20	20
	WEIGHTED N	30754	1231	2169
	MEAN	-0.8157	-1.3436	-3.9605
	STAN. DEV.	5.3532	5.5140	4.8494
19- 27	N	230	87	40
	WEIGHTED N	20613	7199	4956
	MEAN	-0.7808	-2.9280	-2.9350
	STAN. DEV.	6.0004	5.3646	6.5753
10- 18	N	138	147	42
	WEIGHTED N	12078	10093	4549
	MEAN	2.2241	0.9907	-0.1182
	STAN. DEV.	5.2617	5.0031	4.3823
0- 9	N	22	31	11
	WEIGHTED N	1749	1954	1206
	MEAN	9.2164	7.5808	7.6502
	STAN. DEV.	4.9154	4.5053	3.6883
TOTAL SCORE RANGE				
0- 45	N	1020	294	117
	WEIGHTED N	93485	21243	13285
	MEAN	-0.4604	-0.0121	-1.1976
	STAN. DEV.	5.3746	5.8956	6.2354

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
ITBS - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
37- 45	-3.05	-1.59	1.47	BLACK	0.845	307	9	300
28- 36	-1.34	-0.82	0.53	BLACK	0.447	348	20	330
19- 27	-2.93	-0.78	2.15	BLACK	3.327	315	87	230
10- 18	0.99	2.22	1.23	WHITE	2.030	283	147	138
0- 9	7.58	9.22	1.64	WHITE	1.144	51	31	22
TOTAL SCORE RANGE								
0- 45	-0.01	-0.46	0.45	WHITE	1.217	1312	294	1020

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
37- 45	-3.61	-1.59	2.03	SPANISH	0.785	302	4	300
28- 36	-3.96	-0.82	3.14	SPANISH	2.663	348	20	330
19- 27	-2.93	-0.78	2.15	SPANISH	2.453	268	40	230
10- 18	-0.12	2.22	2.34	WHITE	2.592	178	42	138
0- 9	7.65	9.22	1.57	WHITE	0.827	31	11	22
TOTAL SCORE RANGE								
0- 45	-1.20	-0.46	0.74	SPANISH	1.357	1135	117	1020

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
ITBS -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	97	0	2
	WEIGHTED N	8611	0	99
	MEAN	-2.2991	0.0	-4.7444
	STAN. DEV.	3.5629	0.0	2.7431
19- 24	N	259	3	2
	WEIGHTED N	23213	443	136
	MEAN	-0.8024	-2.1916	-2.7515
	STAN. DEV.	3.7606	5.6437	5.6944
13- 18	N	363	5	10
	WEIGHTED N	36277	623	806
	MEAN	0.2368	-3.1612	-3.1718
	STAN. DEV.	4.1352	4.6922	3.9012
7- 12	N	345	25	19
	WEIGHTED N	34651	2920	1566
	MEAN	1.1657	0.0727	0.5684
	STAN. DEV.	4.0087	3.6552	4.1128
0- 6	N	66	8	12
	WEIGHTED N	7207	803	1104
	MEAN	2.4484	5.6318	2.6225
	STAN. DEV.	3.2594	2.6666	3.5518
TOTAL SCORE RANGE				
0- 30	N	1130	41	45
	WEIGHTED N	109959	4789	3711
	MEAN	0.2565	0.3747	0.1037
	STAN. DEV.	4.0872	4.6983	4.5629

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG CCMP
ITBS -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 24	-2.19	-0.80	1.39	BLACK	0.603	260	3	259
13- 18	-3.16	0.24	3.40	BLACK	1.902	366	5	363
7- 12	0.07	1.17	1.09	WHITE	1.330	368	25	345
0- 6	5.63	2.45	3.18	BLACK	2.143	72	8	66
TOTAL SCORE RANGE								
0- 30	0.37	0.26	0.12	BLACK	0.180	1169	41	1130

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
19- 24	-2.75	-0.80	1.95	SPANISH	0.692	259	2	259
13- 18	-3.17	0.24	3.41	SPANISH	2.680	371	10	363
7- 12	0.57	1.17	0.60	WHITE	0.639	362	19	345
0- 6	2.62	2.45	0.17	SPANISH	0.140	76	12	66
TOTAL SCORE RANGE								
0- 30	0.10	0.26	0.15	WHITE	0.243	1173	45	1130

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
ITBS - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	39	0	0
	WEIGHTED N	3587	0	0
	MEAN	-2.7585	0.0	0.0
	STAN. DEV.	4.4531	0.0	0.0
31- 40	N	199	1	0
	WEIGHTED N	19222	74	0
	MEAN	-0.8783	-0.2000	0.0
	STAN. DEV.	4.3380	0.0	0.0
21- 30	N	306	7	32
	WEIGHTED N	28548	514	3314
	MEAN	-0.4608	-5.4401	-2.7556
	STAN. DEV.	6.1837	5.4935	4.4781
11- 20	N	304	114	100
	WEIGHTED N	30477	7874	10684
	MEAN	0.5159	-0.5265	-1.0800
	STAN. DEV.	4.4261	3.9829	3.9114
0- 10	N	33	39	35
	WEIGHTED N	3218	2487	3976
	MEAN	4.4110	3.0658	4.6892
	STAN. DEV.	3.9595	4.3031	2.8642
TOTAL SCORE RANGE				
0- 50	N	881	161	167
	WEIGHTED N	85052	10949	17974
	MEAN	-0.1177	0.0610	-0.1127
	STAN. DEV.	5.1886	4.5553	4.6423

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
ITBS - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
21- 30	-5.44	-0.46	4.98	BLACK	2.641	311	7	306
11- 20	-0.53	0.52	1.04	BLACK	1.925	416	114	304
0- 10	3.07	4.41	1.35	WHITE	1.153	70	39	33
TOTAL SCORE RANGE								
0- 50	0.06	-0.12	0.18	WHITE	0.414	1040	161	881

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
21- 30	-2.76	-0.46	2.29	SPANISH	2.504	336	32	306
11- 20	-1.08	0.52	1.60	SPANISH	2.807	402	100	304
0- 10	4.69	4.41	0.28	SPANISH	0.233	66	35	33
TOTAL SCORE RANGE								
0- 50	-0.11	-0.12	0.01	WHITE	0.012	1046	167	881

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
ITBS - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	73	0	1
	WEIGHTED N	7408	0	58
	MEAN	-3.9584	0.0	0.5000
	STAN. DEV.	4.7781	0.0	0.0
37- 48	N	343	7	4
	WEIGHTED N	33734	369	219
	MEAN	-2.0751	-6.7640	-1.9890
	STAN. DEV.	6.0966	5.4917	2.8295
25- 36	N	522	61	14
	WEIGHTED N	50737	3309	823
	MEAN	-0.4714	-3.0510	-2.4543
	STAN. DEV.	6.4650	6.5788	5.0797
13- 24	N	395	148	53
	WEIGHTED N	35594	7774	2392
	MEAN	1.7120	0.0018	-0.2955
	STAN. DEV.	6.4878	5.2970	5.0218
0- 12	N	45	29	14
	WEIGHTED N	4001	1439	613
	MEAN	8.0690	4.9222	5.0007
	STAN. DEV.	6.8583	5.0958	4.6830
TOTAL SCORE RANGE				
0- 60	N	1378	245	86
	WEIGHTED N	131474	12891	4105
	MEAN	-0.2284	-0.4263	-0.0165
	STAN. DEV.	6.6765	6.1656	5.3644

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RCG CCMP
ITBS - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
37- 48	-6.76	-2.08	4.69	BLACK	1.970	348	7	343
25- 36	-3.05	-0.47	2.58	BLACK	3.057	581	61	522
13- 24	0.00	1.71	1.71	WHITE	2.846	541	148	395
0- 12	4.92	8.07	3.15	WHITE	2.119	72	29	45
TOTAL SCORE RANGE								
0- 60	-0.43	-0.23	0.20	BLACK	0.436	1621	245	1378

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
37- 48	-1.99	-2.08	0.09	WHITE	0.027	345	4	343
25- 36	-2.45	-0.47	1.98	SPANISH	1.174	534	14	522
13- 24	-0.30	1.71	2.01	WHITE	2.201	446	53	395
0- 12	5.00	8.07	3.07	WHITE	1.608	57	14	45
TOTAL SCORE RANGE								
0- 60	-0.02	-0.23	0.21	WHITE	0.291	1462	86	1378

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
MAT - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	74	0	1
	WEIGHTED N	3875	0	19
	MEAN	-3.6559	0.0	-8.0000
	STAN. DEV.	3.3684	0.0	0.0
28- 36	N	461	6	11
	WEIGHTED N	28106	528	498
	MEAN	-1.7760	-1.4386	-4.2512
	STAN. DEV.	4.2248	3.3262	6.2901
19- 27	N	591	79	36
	WEIGHTED N	40805	5036	2899
	MEAN	-0.0029	-2.6401	-0.0577
	STAN. DEV.	4.4577	3.6111	3.6615
10- 18	N	322	183	25
	WEIGHTED N	23707	11621	2474
	MEAN	2.3775	0.0945	0.7851
	STAN. DEV.	4.5601	3.8737	2.6282
0- 9	N	29	31	9
	WEIGHTED N	2148	2026	951
	MEAN	4.6821	3.3851	3.9750
	STAN. DEV.	3.0202	3.2164	3.5477
TOTAL SCORE RANGE				
0- 45	N	1477	299	82
	WEIGHTED N	98641	19211	6841
	MEAN	0.0221	-0.3175	0.4804
	STAN. DEV.	4.7127	4.1095	4.0611

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-ROG COMP
MAT - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
28- 36	-1.44	-1.78	0.34	WHITE	0.192	465	6	461
19- 27	-2.64	-0.00	2.64	BLACK	5.155	668	79	591
10- 18	0.09	2.38	2.28	WHITE	5.775	503	183	322
0- 9	3.39	4.68	1.30	WHITE	1.176	58	31	29
TOTAL SCORE RANGE								
0- 45	-0.32	0.02	0.34	BLACK	1.165	1774	299	1477

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
28- 36	-4.25	-1.78	2.48	SPANISH	1.900	470	11	461
19- 27	-0.06	-0.00	0.05	SPANISH	0.075	625	36	591
10- 18	0.79	2.38	1.59	WHITE	1.796	345	25	322
0- 9	3.97	4.68	0.71	WHITE	0.434	36	9	29
TOTAL SCORE RANGE								
0- 45	0.48	0.02	0.46	SPANISH	0.879	1557	82	1477

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
MAT - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	201	4	6
	WEIGHTED N	16635	338	604
	MEAN	-1.6478	-6.4127	-0.1548
	STAN. DEV.	3.8063	1.9979	4.3942
28- 36	N	347	20	26
	WEIGHTED N	32682	2103	2376
	MEAN	-0.6660	-3.6190	-1.4432
	STAN. DEV.	5.2111	5.7354	3.7639
19- 27	N	213	26	51
	WEIGHTED N	22558	2155	4488
	MEAN	0.8322	-1.4301	-0.6559
	STAN. DEV.	5.6545	5.2255	5.3300
10- 18	N	165	99	41
	WEIGHTED N	17886	11807	3792
	MEAN	2.5541	-0.5214	1.2972
	STAN. DEV.	4.9576	5.4276	4.4751
0- 9	N	29	35	9
	WEIGHTED N	3022	4635	1115
	MEAN	4.8490	3.5872	4.8154
	STAN. DEV.	3.8233	3.6756	2.5401
TOTAL SCORE RANGE				
0- 45	N	955	184	133
	WEIGHTED N	92783	21038	12375
	MEAN	0.3226	-0.1136	0.3088
	STAN. DEV.	5.2803	5.5509	4.8734

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
MAT - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
37- 45	-6.41	-1.65	4.76	BLACK	1.894	203	4	201
28- 36	-3.62	-0.67	2.95	BLACK	2.577	365	20	347
19- 27	-1.43	0.83	2.26	BLACK	2.186	237	26	213
10- 18	-0.52	2.55	3.08	WHITE	4.855	262	99	165
0- 9	3.59	4.85	1.26	WHITE	1.008	62	35	29
TOTAL SCORE RANGE								
0- 45	-0.11	0.32	0.44	WHITE	1.025	1137	184	955

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
37- 45	-0.15	-1.65	1.49	WHITE	0.723	205	6	201
28- 36	-1.44	-0.67	0.78	SPANISH	0.767	371	26	347
19- 27	-0.66	0.83	1.49	WHITE	1.916	262	51	213
10- 18	1.30	2.55	1.26	WHITE	1.446	204	41	165
0- 9	4.82	4.85	0.03	WHITE	0.018	36	9	29
TOTAL SCORE RANGE								
0- 45	0.31	0.32	0.01	WHITE	0.028	1086	133	955

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
MAT - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
57- 70	N	34	0	0
	WEIGHTED N	3582	0	0
	MEAN	-5.4680	0.0	0.0
	STAN. DEV.	4.6988	0.0	0.0
43- 56	N	269	10	4
	WEIGHTED N	24706	806	509
	MEAN	-1.2779	-0.6381	0.4532
	STAN. DEV.	6.4948	6.6020	3.4047
29- 42	N	334	28	16
	WEIGHTED N	30408	1723	1983
	MEAN	0.6740	-1.6951	-1.9034
	STAN. DEV.	7.1072	7.9838	8.2516
15- 28	N	336	190	79
	WEIGHTED N	30966	14424	8564
	MEAN	1.8408	-0.8946	0.8291
	STAN. DEV.	6.4778	4.9148	5.9473
0- 14	N	47	66	18
	WEIGHTED N	3823	4290	2229
	MEAN	8.9484	4.4529	6.0478
	STAN. DEV.	7.2254	4.8412	4.4493
TOTAL SCORE RANGE				
0- 70	N	1020	294	117
	WEIGHTED N	93485	21243	13285
	MEAN	0.6477	0.1301	1.2825
	STAN. DEV.	7.0824	5.7217	6.4972

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
MAT - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
43- 56	-0.64	-1.28	0.64	WHITE	0.309	277	10	269
29- 42	-1.70	0.67	2.37	BLACK	1.870	360	28	334
15- 28	-0.89	1.84	2.74	WHITE	4.681	524	190	336
0- 14	4.45	8.95	4.50	WHITE	3.658	111	66	47
TOTAL SCORE RANGE								
0- 70	0.13	0.65	0.52	WHITE	1.153	1312	294	1020

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
43- 56	0.45	-1.28	1.73	WHITE	0.534	271	4	269
29- 42	-1.90	0.67	2.58	SPANISH	1.564	348	16	334
15- 28	0.83	1.84	1.01	WHITE	1.257	413	79	336
0- 14	6.05	8.95	2.90	WHITE	1.625	63	18	47
TOTAL SCORE RANGE								
0- 70	1.28	0.65	0.63	SPANISH	0.959	1135	117	1020

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
MAT -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	121	1	0
	WEIGHTED N	9527	74	0
	MEAN	-2.2590	-5.3000	0.0
	STAN. DEV.	3.0947	0.0	0.0
19- 24	N	298	6	1
	WEIGHTED N	23251	278	85
	MEAN	-0.9972	-2.0662	-2.0000
	STAN. DEV.	3.8695	3.0821	0.0
13- 18	N	447	62	4
	WEIGHTED N	35122	2715	374
	MEAN	-0.0330	-2.5407	-0.8398
	STAN. DEV.	4.1848	2.8830	4.6406
7- 12	N	516	166	14
	WEIGHTED N	42537	7738	861
	MEAN	0.9978	0.0082	-0.6928
	STAN. DEV.	3.7760	3.0014	2.7436
0- 6	N	111	44	5
	WEIGHTED N	8450	1828	321
	MEAN	3.6194	2.7342	3.1227
	STAN. DEV.	2.9437	2.3012	2.9543
TOTAL SCORE RANGE				
0- 30	N	1493	279	24
	WEIGHTED N	118887	12633	1641
	MEAN	0.2284	-0.2219	-0.0477
	STAN. DEV.	4.0528	3.3102	3.6180

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
MAT -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 24	-2.07	-1.00	1.07	BLACK	0.694	302	6	298
13- 18	-2.54	-0.03	2.51	BLACK	4.954	507	62	447
7- 12	0.01	1.00	0.99	WHITE	2.969	680	166	516
0- 6	2.73	3.62	0.89	WHITE	1.330	153	44	111
TOTAL SCORE RANGE								
0- 30	-0.22	0.23	0.45	WHITE	1.750	1770	279	1493

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 30	-0.05	0.23	0.28	WHITE	0.340	1515	24	1493

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RCG CCMP
MAT - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	43	2	0
	WEIGHTED N	3809	170	0
	MEAN	-3.4373	0.1000	0.0
	STAN. DEV.	4.9168	0.5000	0.0
31- 40	N	216	6	2
	WEIGHTED N	19891	481	143
	MEAN	-1.9644	-4.8744	-2.5098
	STAN. DEV.	5.0379	4.6218	3.4273
21- 30	N	404	28	8
	WEIGHTED N	38686	2646	494
	MEAN	-0.7942	-2.5254	-0.3668
	STAN. DEV.	5.3697	6.2240	5.4774
11- 20	N	519	310	7
	WEIGHTED N	50027	21501	411
	MEAN	0.7863	-1.8680	1.5000
	STAN. DEV.	4.9906	4.1143	5.5265
0- 10	N	66	111	0
	WEIGHTED N	6378	6803	0
	MEAN	4.1494	1.5061	0.0
	STAN. DEV.	3.1698	2.9812	0.0
TOTAL SCORE RANGE				
0- 50	N	1248	457	17
	WEIGHTED N	118791	31601	1048
	MEAN	-0.1430	-1.2319	0.0729
	STAN. DEV.	5.2739	4.3865	5.4335

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
MAT - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
31- 40	-4.87	-1.96	2.91	BLACK	1.460	220	6	216
21- 30	-2.53	-0.79	1.73	BLACK	1.840	430	28	404
11- 20	-1.87	0.79	2.65	BLACK	7.680	827	310	519
0- 10	1.51	4.15	2.64	WHITE	3.532	175	111	66
TOTAL SCORE RANGE								
0- 50	-1.23	-0.14	1.09	BLACK	3.933	1703	457	1248

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 50	0.07	-0.14	0.22	WHITE	0.175	1263	17	1248

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
MAT - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	36	0	0
	WEIGHTED N	3100	0	0
	MEAN	-4.9930	0.0	0.0
	STAN. DEV.	4.4873	0.0	0.0
37- 48	N	214	3	1
	WEIGHTED N	20025	110	91
	MEAN	-1.8640	-7.5582	19.9000
	STAN. DEV.	6.1897	4.0665	0.0
25- 36	N	327	17	16
	WEIGHTED N	28909	968	1645
	MEAN	-0.2213	-4.1259	-1.0144
	STAN. DEV.	6.8650	5.3970	6.4534
13- 24	N	375	74	57
	WEIGHTED N	33488	5509	4674
	MEAN	1.0432	-2.0209	-1.4890
	STAN. DEV.	6.5209	5.1899	5.1000
0- 12	N	54	30	14
	WEIGHTED N	4817	2086	893
	MEAN	6.2887	4.2673	5.3596
	STAN. DEV.	4.4012	3.9029	3.7886
TOTAL SCORE RANGE				
0- 60	N	1006	126	88
	WEIGHTED N	90599	8673	7303
	MEAN	0.0157	-0.8137	-0.2701
	STAN. DEV.	6.6662	5.7593	6.1486

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
MAT - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
25- 36	-4.13	-0.22	3.90	BLACK	2.498	342	17	327
13- 24	-2.02	1.04	3.06	BLACK	3.834	447	74	375
0- 12	4.27	5.29	1.02	WHITE	0.714	82	30	54
TOTAL SCORE RANGE								
0- 60	-0.81	0.02	0.83	BLACK	1.330	1128	124	1006

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
25- 36	-1.01	-0.22	0.79	SPANISH	0.493	341	16	327
13- 24	-1.49	1.04	2.53	SPANISH	2.835	430	57	375
0- 12	5.36	5.29	0.07	SPANISH	0.038	66	14	54
TOTAL SCORE RANGE								
0- 60	-0.28	0.02	0.29	SPANISH	0.403	1092	88	1006

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RCG CCMP
STEP II - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	27	1	1
	WEIGHTED N	2870	32	135
	MEAN	-3.8914	-2.2000	0.5000
	STAN. DEV.	3.8446	0.0	0.0
28- 36	N	278	8	3
	WEIGHTED N	29550	305	286
	MEAN	-1.4064	-5.6226	0.5000
	STAN. DEV.	4.2725	3.0369	5.2410
19- 27	N	483	49	21
	WEIGHTED N	50348	2740	1409
	MEAN	-0.9888	-2.4705	-0.7440
	STAN. DEV.	5.7879	4.6979	4.2947
10- 18	N	252	164	28
	WEIGHTED N	25543	9205	2008
	MEAN	1.7164	0.0456	-1.6936
	STAN. DEV.	5.2340	4.7840	5.2565
0- 9	N	32	42	5
	WEIGHTED N	3046	2766	353
	MEAN	6.3321	3.6675	2.6833
	STAN. DEV.	4.4957	3.2867	4.3382
TOTAL SCORE RANGE				
0- 45	N	1072	264	58
	WEIGHTED N	111357	15048	4191
	MEAN	-0.3537	0.1335	-0.7853
	STAN. DEV.	5.4966	4.9406	4.9471

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
STEP II - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
28- 36	-5.62	-1.41	4.22	BLACK	2.293	284	8	278
19- 27	-2.47	-0.99	1.48	BLACK	1.928	530	49	483
10- 18	0.05	1.72	1.67	WHITE	3.248	414	164	252
0- 9	3.67	6.33	2.66	WHITE	2.215	72	42	32
TOTAL SCORE RANGE								
0- 45	0.13	-0.35	0.49	WHITE	1.318	1334	264	1072

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	-0.79	-0.35	0.43	SPANISH	0.595	1128	58	1072

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
STEP II - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	214	3	2
	WEIGHTED N	17294	271	145
	MEAN	-2.3373	-7.1845	-2.4959
	STAN. DEV.	4.5468	9.8475	2.0779
28- 36	N	503	19	19
	WEIGHTED N	42512	1476	1464
	MEAN	-C.9406	-2.8096	-3.0405
	STAN. DEV.	5.3188	5.2079	4.8279
19- 27	N	384	36	12
	WEIGHTED N	34438	2619	790
	MEAN	0.1223	-1.6582	-0.5746
	STAN. DEV.	6.3715	5.9666	5.5816
10- 18	N	358	103	17
	WEIGHTED N	31595	7193	1279
	MEAN	3.1598	2.3040	3.6355
	STAN. DEV.	5.7945	5.7376	4.2479
0- 9	N	35	21	2
	WEIGHTED N	3028	1490	180
	MEAN	6.2239	7.1298	1.7400
	STAN. DEV.	5.0201	5.7675	0.1908
TOTAL SCORE RANGE				
0- 45	N	1494	182	52
	WEIGHTED N	128867	13049	3858
	MEAN	0.3297	1.2843	-0.0788
	STAN. DEV.	6.0048	6.6159	5.4495

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
STEP II - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
28- 36	-2.81	-0.94	1.87	BLACK	1.382	520	19	503
19- 27	-1.66	0.12	1.78	BLACK	1.765	418	36	384
10- 18	2.30	3.16	0.86	WHITE	1.323	459	103	358
0- 9	7.13	6.22	0.91	BLACK	0.567	54	21	35
TOTAL SCORE RANGE								
0- 45	1.28	0.33	0.95	BLACK	2.006	1674	182	1494

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	-0.08	0.33	0.41	WHITE	0.478	1544	52	1494

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
STEP II - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
57- 70	N	52	0	0
	WEIGHTED N	4661	0	0
	MEAN	-4.9810	0.0	0.0
	STAN. DEV.	4.9860	0.0	0.0
43- 56	N	331	2	4
	WEIGHTED N	30977	278	215
	MEAN	-3.2564	-5.0428	-2.2126
	STAN. DEV.	7.8538	3.7274	11.8495
29- 42	N	376	8	9
	WEIGHTED N	36060	1204	721
	MEAN	-2.0189	-6.9667	-4.2738
	STAN. DEV.	9.0306	8.5891	9.5100
15- 28	N	313	26	22
	WEIGHTED N	31673	2801	1929
	MEAN	2.9153	-0.7236	-2.5167
	STAN. DEV.	8.2397	7.5133	6.1277
0- 14	N	58	5	10
	WEIGHTED N	6588	506	846
	MEAN	7.0728	14.4470	9.8935
	STAN. DEV.	6.6600	9.5419	7.7837
TOTAL SCORE RANGE				
0- 70	N	1130	41	45
	WEIGHTED N	109959	4789	3711
	MEAN	-0.5271	-0.9410	-0.0113
	STAN. DEV.	8.8279	9.8561	9.4061

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
STEP II - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
43- 56	-5.04	-3.26	1.79	BLACK	0.302	331	2	331
29- 42	-6.97	-2.02	4.95	BLACK	1.659	382	8	376
15- 28	-0.72	2.92	3.64	WHITE	2.136	337	26	313
0- 14	14.45	7.07	7.37	BLACK	1.896	61	5	58
TOTAL SCORE RANGE								
0- 70	-0.94	-0.53	0.41	BLACK	0.293	1169	41	1130

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
43- 56	-2.21	-3.26	1.04	WHITE	0.249	333	4	331
29- 42	-4.27	-2.02	2.25	SPANISH	0.801	383	9	376
15- 28	-2.52	2.92	5.43	WHITE	2.951	333	22	313
0- 14	9.89	7.07	2.82	SPANISH	0.987	66	10	58
TOTAL SCORE RANGE								
0- 70	-0.01	-0.53	0.52	WHITE	0.381	1173	45	1130

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
STEP II - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	415	4	2
	WEIGHTED N	30760	225	261
	MEAN	-2.0077	1.2733	-0.5579
	STAN. DEV.	4.6583	2.0518	1.4996
28- 36	N	450	39	2
	WEIGHTED N	37035	1873	142
	MEAN	-1.9103	-4.6689	-9.4324
	STAN. DEV.	6.6905	6.4256	2.6470
19- 27	N	379	118	6
	WEIGHTED N	30863	5276	371
	MEAN	0.4334	-1.4645	-4.6903
	STAN. DEV.	6.9010	6.3527	6.6389
10- 18	N	214	108	11
	WEIGHTED N	17485	4802	694
	MEAN	3.3072	3.6327	2.5182
	STAN. DEV.	6.9676	6.3277	4.9985
0- 9	N	35	10	3
	WEIGHTED N	2744	457	173
	MEAN	8.3660	3.5033	10.9092
	STAN. DEV.	6.3955	4.7658	8.3714
TOTAL SCORE RANGE				
0- 45	N	1493	279	24
	WEIGHTED N	118887	12633	1641
	MEAN	-0.3225	0.4073	0.2497
	STAN. DEV.	6.7346	7.1214	7.5346

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
STEP II - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
37- 45	1.27	-2.01	3.28	WHITE	1.036	417	4	415
28- 36	-4.67	-1.91	2.76	BLACK	2.622	487	39	450
19- 27	-1.46	0.43	1.90	BLACK	2.856	495	118	379
10- 18	3.63	3.31	0.33	BLACK	0.437	320	108	214
TOTAL SCORE RANGE								
0- 45	0.41	-0.32	0.73	BLACK	1.642	1770	279	1493

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	0.25	-0.32	0.57	WHITE	0.408	1515	24	1493

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
STEP II - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	64	0	1
	WEIGHTED N	5385	0	135
	MEAN	-2.7737	0.0	-3.6000
	STAN. DEV.	4.0086	0.0	0.0000
31- 40	N	244	4	4
	WEIGHTED N	22521	322	266
	MEAN	-1.6862	-1.7457	-0.2699
	STAN. DEV.	5.2611	3.3527	4.2597
21- 30	N	354	32	35
	WEIGHTED N	32931	2021	1601
	MEAN	-1.3436	-0.5821	-2.1941
	STAN. DEV.	5.7103	6.8473	5.7861
11- 20	N	347	162	123
	WEIGHTED N	31212	5608	5090
	MEAN	1.0749	0.1695	-0.0217
	STAN. DEV.	5.3269	4.6097	4.7362
0- 10	N	28	67	48
	WEIGHTED N	2710	1970	1715
	MEAN	3.4447	3.4933	4.0983
	STAN. DEV.	5.2223	4.4118	4.6540
TOTAL SCORE RANGE				
0- 50	N	1037	265	211
	WEIGHTED N	94759	9921	8807
	MEAN	-0.5727	0.6142	0.3233
	STAN. DEV.	5.5751	5.2936	5.2971

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG CCMP
STEP II - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
31- 40	-1.75	-1.69	0.06	BLACK	0.022	246	4	244
21- 30	-0.58	-1.34	0.76	WHITE	0.779	384	32	354
11- 20	0.17	1.07	0.91	WHITE	1.797	507	162	347
0- 10	3.49	3.44	0.05	BLACK	0.041	93	67	28
TOTAL SCORE RANGE								
0- 50	0.61	-0.57	1.19	BLACK	3.139	1300	265	1037

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
31- 40	-0.27	-1.69	1.42	WHITE	0.531	246	4	244
21- 30	-2.19	-1.34	0.85	SPANISH	0.907	387	35	354
11- 20	-0.02	1.07	1.10	WHITE	1.974	468	123	347
0- 10	4.10	3.44	0.65	SPANISH	0.519	74	48	28
TOTAL SCORE RANGE								
0- 50	0.32	-0.57	0.90	WHITE	2.160	1246	211	1037

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-REG COMP
STEP II - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	55	0	0
	WEIGHTED N	4919	0	0
	MEAN	-4.9220	0.0	0.0
	STAN. DEV.	5.5570	0.0	0.0
37- 48	N	258	8	6
	WEIGHTED N	24029	560	718
	MEAN	-1.1264	-4.4680	-8.6986
	STAN. DEV.	5.9040	6.5087	10.9705
25- 36	N	374	34	21
	WEIGHTED N	32511	2429	2162
	MEAN	-0.8837	-3.7473	-2.0566
	STAN. DEV.	7.6266	6.1782	7.8919
13- 24	N	374	191	32
	WEIGHTED N	32029	11213	3349
	MEAN	0.8289	0.2629	-0.1304
	STAN. DEV.	7.3703	6.6435	5.2542
0- 12	N	45	65	7
	WEIGHTED N	3667	3839	689
	MEAN	6.6614	7.2763	2.1385
	STAN. DEV.	6.7798	6.2933	5.0693
TOTAL SCORE RANGE				
0- 60	N	1106	298	66
	WEIGHTED N	97155	18041	6918
	MEAN	-0.2989	1.2032	-0.7308
	STAN. DEV.	7.2736	7.3356	8.0760

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
STEP II - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
37- 48	-4.47	-1.13	3.34	BLACK	1.329	264	8	258
25- 36	-2.75	-0.88	1.86	BLACK	1.486	406	34	374
13- 24	0.26	0.83	0.57	WHITE	0.909	563	191	374
0- 12	7.28	6.66	0.61	BLACK	0.453	108	65	45
TOTAL SCORE RANGE								
0- 60	1.20	-0.30	1.50	BLACK	3.139	1402	298	1106

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 60	-0.73	-0.30	0.43	SPANISH	0.465	1170	66	1106

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
SRA - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	40	0	0
	WEIGHTED N	2905	0	0
	MEAN	-3.4345	0.0	0.0
	STAN. DEV.	3.3298	0.0	0.0
28- 36	N	291	9	2
	WEIGHTED N	22680	699	195
	MEAN	-1.8323	-7.2867	-1.6677
	STAN. DEV.	4.3424	7.8879	0.8418
19- 27	N	445	66	4
	WEIGHTED N	38101	5444	266
	MEAN	-0.9701	-2.1966	-1.6733
	STAN. DEV.	4.8140	4.3832	3.8097
10- 18	N	247	170	8
	WEIGHTED N	21620	14913	790
	MEAN	2.1937	1.0590	0.9020
	STAN. DEV.	5.1394	4.9136	3.0864
0- 9	N	31	40	0
	WEIGHTED N	3131	3140	0
	MEAN	5.9255	4.9350	0.0
	STAN. DEV.	3.6188	4.3682	0.0
TOTAL SCORE RANGE				
0- 45	N	1054	285	14
	WEIGHTED N	88645	23876	1251
	MEAN	-0.0755	0.5861	-0.4714
	STAN. DEV.	5.0857	5.2269	3.5786

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG CCMP
SRA - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
28- 36	-7.29	-1.80	5.48	BLACK	3.432	298	9	291
19- 27	-2.16	-0.57	1.59	BLACK	2.548	509	66	445
10- 18	1.05	2.19	1.14	WHITE	2.420	415	170	247
0- 9	4.93	5.93	0.99	WHITE	0.877	69	40	31
TOTAL SCORE RANGE								
0- 45	0.59	-0.08	0.66	BLACK	1.940	1337	285	1054

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANCE								
0- 45	-0.47	-0.08	0.40	SPANISH	0.288	1066	14	1054

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
SRA - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	157	4	0
	WEIGHTED N	12676	284	0
	MEAN	-1.9008	-1.1782	0.0
	STAN. DEV.	3.7798	2.4239	0.0
28- 36	N	363	44	2
	WEIGHTED N	32548	3318	206
	MEAN	-1.1567	-5.4674	-3.4126
	STAN. DEV.	5.4968	6.8803	4.1341
19- 27	N	300	110	6
	WEIGHTED N	27819	9165	613
	MEAN	-0.7258	-2.7511	0.2202
	STAN. DEV.	5.9678	6.0747	6.1452
10- 18	N	257	299	12
	WEIGHTED N	22619	23647	1051
	MEAN	2.1855	0.3975	0.0781
	STAN. DEV.	5.7933	5.1720	4.7996
0- 9	N	27	64	2
	WEIGHTED N	2464	4700	139
	MEAN	5.3461	4.6804	4.0137
	STAN. DEV.	5.3115	4.1610	3.9991
TOTAL SCORE RANGE				
0- 45	N	1104	521	22
	WEIGHTED N	98126	41114	2009
	MEAN	-0.1969	-0.2990	0.0358
	STAN. DEV.	5.7662	6.0055	5.3627

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
SRA - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
28- 36	-5.47	-1.16	4.31	BLACK	4.789	405	44	363
19- 27	-2.75	-0.73	2.03	BLACK	3.223	408	110	300
10- 18	0.40	2.19	1.79	WHITE	3.728	554	299	257
0- 9	4.68	5.35	0.67	WHITE	0.514	89	64	27
TOTAL SCORE RANGE								
0- 45	-0.30	-0.20	0.10	BLACK	0.329	1623	521	1104

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	0.04	-0.20	0.23	WHITE	0.185	1124	22	1104

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
SRA - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
57- 70	N	27	0	1
	WEIGHTED N	2850	0	44
	MEAN	-2.0574	0.0	-13.6000
	STAN. DEV.	3.9353	0.0	0.0
43- 56	N	249	1	2
	WEIGHTED N	23773	74	187
	MEAN	-2.3178	0.4000	-6.4663
	STAN. DEV.	6.1003	0.0	0.2981
29- 42	N	264	10	20
	WEIGHTED N	24574	807	2066
	MEAN	-0.5796	-5.8089	-2.4760
	STAN. DEV.	7.9230	4.6831	5.3847
15- 28	N	301	111	115
	WEIGHTED N	29707	7553	12182
	MEAN	2.4456	-1.0129	0.0910
	STAN. DEV.	7.5893	5.8506	6.5429
0- 14	N	40	39	29
	WEIGHTED N	4148	2515	3495
	MEAN	6.7677	5.0125	4.2454
	STAN. DEV.	6.3263	4.7562	5.5962
TOTAL SCORE RANGE				
0- 70	N	881	161	167
	WEIGHTED N	85052	10949	17974
	MEAN	0.3000	0.0272	0.5020
	STAN. DEV.	7.5565	6.2763	6.5794

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
SRA - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
29- 42	-5.81	-0.58	5.23	BLACK	2.275	272	10	264
15- 28	-1.01	2.45	3.46	WHITE	4.366	410	111	301
0- 14	5.01	6.77	1.76	WHITE	1.093	77	39	40
TOTAL SCORE RANGE								
0- 70	0.03	0.30	0.27	WHITE	0.437	1040	161	881

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
29- 42	-2.48	-0.58	1.90	SPANISH	1.146	282	20	264
15- 28	0.09	2.45	2.35	WHITE	3.011	414	115	301
0- 14	4.25	6.77	2.52	WHITE	1.450	67	29	40
TOTAL SCORE RANGE								
0- 70	0.50	0.30	0.20	SPANISH	0.329	1046	167	881

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG CCMP
SRA - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	268	10	3
	WEIGHTED N	24152	871	248
	MEAN	-1.8540	-2.8249	-1.2758
	STAN. DEV.	4.2190	4.7098	3.4118
28- 36	N	388	29	6
	WEIGHTED N	36480	2126	340
	MEAN	-1.0281	-3.3762	-4.3518
	STAN. DEV.	5.8891	6.3095	6.0523
19- 27	N	322	70	5
	WEIGHTED N	31961	4994	283
	MEAN	C.5554	-1.3284	3.1360
	STAN. DEV.	6.3338	5.7717	7.5312
10- 18	N	240	262	3
	WEIGHTED N	23353	17762	177
	MEAN	3.1587	1.9471	5.9559
	STAN. DEV.	5.8315	5.1278	4.4399
0- 9	N	30	86	0
	WEIGHTED N	2845	5848	0
	MEAN	6.5027	6.6889	0.0
	STAN. DEV.	6.3598	4.7362	0.0
TOTAL SCORE RANGE				
0- 45	N	1248	457	17
	WEIGHTED N	118791	31601	1048
	MEAN	C.2335	1.8173	0.1390
	STAN. DEV.	6.0616	5.9862	6.9599

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
SRA - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
37- 45	-2.82	-1.85	0.97	BLACK	0.539	276	10	268
28- 36	-3.38	-1.03	2.35	BLACK	2.180	415	29	388
19- 27	-1.33	0.56	1.88	BLACK	2.553	390	70	322
10- 18	1.95	3.16	1.21	WHITE	2.424	500	262	240
0- 9	6.69	6.50	0.19	BLACK	0.157	114	86	30
TOTAL SCORE RANGE								
0- 45	1.82	0.23	1.58	BLACK	4.783	1703	457	1248

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 45	0.14	0.23	0.09	WHITE	0.064	1263	17	1248

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
SRA -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	96	0	1
	WEIGHTED N	8194	0	113
	MEAN	-1.3670	0.0	-2.6000
	STAN. DEV.	2.4190	0.0	0.0000
19- 24	N	241	9	8
	WEIGHTED N	22323	688	464
	MEAN	-0.7824	-2.4365	-2.3974
	STAN. DEV.	3.7113	4.0313	3.7647
13- 18	N	306	32	37
	WEIGHTED N	28016	1945	1574
	MEAN	0.2624	-1.9856	-1.4690
	STAN. DEV.	3.7877	3.6092	3.7377
7- 12	N	326	143	112
	WEIGHTED N	29644	4751	4790
	MEAN	1.3864	-0.6823	-0.5242
	STAN. DEV.	3.5610	3.0146	3.3472
0- 6	N	68	81	53
	WEIGHTED N	6582	2537	1866
	MEAN	3.2432	2.0856	2.5494
	STAN. DEV.	2.9006	3.1223	2.5967
TOTAL SCORE RANGE				
0- 30	N	1037	265	211
	WEIGHTED N	94759	9921	8807
	MEAN	0.4341	-0.3516	-0.1671
	STAN. DEV.	3.7435	3.5947	3.6110

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
SRA -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 24	-2.44	-0.78	1.65	BLACK	1.388	248	9	241
13- 18	-1.99	0.26	2.25	BLACK	3.446	336	32	306
7- 12	-0.68	1.39	2.07	WHITE	5.874	467	143	326
0- 6	2.09	3.24	1.16	WHITE	2.005	147	81	68
TOTAL SCORE RANGE								
0- 30	-0.35	0.43	0.79	WHITE	3.082	1300	265	1037

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
19- 24	-2.40	-0.78	1.62	SPANISH	1.280	247	8	241
13- 18	-1.47	0.26	1.73	SPANISH	2.833	341	37	306
7- 12	-0.52	1.39	1.91	WHITE	4.968	436	112	326
0- 6	2.55	3.24	0.69	WHITE	1.078	119	53	68
TOTAL SCORE RANGE								
0- 30	-0.17	0.43	0.60	WHITE	2.150	1246	211	1037

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
SRA - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	45	1	1
	WEIGHTED N	3471	41	93
	MEAN	-3.4958	-4.3000	-3.3000
	STAN. DEV.	5.1259	0.0	0.0
37- 48	N	253	6	5
	WEIGHTED N	20542	296	493
	MEAN	-0.9553	-6.0669	-2.5994
	STAN. DEV.	6.1559	8.0088	3.0304
25- 36	N	381	64	11
	WEIGHTED N	31549	2851	1051
	MEAN	-0.2390	-1.5386	-2.1533
	STAN. DEV.	6.8340	5.9724	4.3175
13- 24	N	344	192	32
	WEIGHTED N	28445	8122	3005
	MEAN	1.7926	1.8966	-0.6576
	STAN. DEV.	6.9667	6.0246	6.7270
0- 12	N	40	52	6
	WEIGHTED N	3861	2513	661
	MEAN	6.9012	6.2246	6.6065
	STAN. DEV.	7.7757	6.3339	3.8634
TOTAL SCORE RANGE				
0- 60	N	1063	315	55
	WEIGHTED N	87868	13823	5303
	MEAN	0.4363	1.7860	-0.2754
	STAN. DEV.	6.9781	6.6820	6.2769

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
SRA - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
37- 48	-6.07	-0.96	5.11	BLACK	1.866	257	6	253
25- 36	-1.54	-0.24	1.30	BLACK	1.451	443	64	381
13- 24	1.90	1.79	0.10	BLACK	0.174	534	192	344
0- 12	6.22	6.90	0.68	WHITE	0.485	90	52	40
TOTAL SCORE RANGE								
0- 60	1.79	0.44	1.35	BLACK	3.051	1376	315	1063

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 60	-0.28	0.44	0.71	WHITE	0.746	1116	55	1063

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
SAT = CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	39	0	0
	WEIGHTED N	3631	0	0
	MEAN	-2.0123	0.0	0.0
	STAN. DEV.	3.3555	0.0	0.0
28- 36	N	305	9	23
	WEIGHTED N	28987	552	1096
	MEAN	-0.7073	-3.7082	-3.5398
	STAN. DEV.	4.13[illegible]2	3.1114	4.7241
19- 27	N	454	49	92
	WEIGHTED N	44240	3305	4306
	MEAN	0.5093	-2.2545	-2.4316
	STAN. DEV.	4.8188	4.1725	4.6721
10- 18	N	275	98	147
	WEIGHTED N	26094	6313	6069
	MEAN	2.1123	0.1796	-0.1973
	STAN. DEV.	4.8513	3.5542	3.8524
0- 9	N	35	24	18
	WEIGHTED N	3148	1509	834
	MEAN	4.9330	4.7861	3.5748
	STAN. DEV.	3.7831	4.4964	3.1961
TOTAL SCORE RANGE				
0- 45	N	1108	180	280
	WEIGHTED N	106100	11679	12305
	MEAN	0.6161	-0.0978	-1.0212
	STAN. DEV.	4.7719	4.6031	4.5460

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG COMP
SAT = CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
28- 36	-3.71	-0.71	3.00	BLACK	1.978	312	9	305
19- 27	-2.25	0.51	2.76	BLACK	4.097	501	49	454
10- 18	0.18	2.11	1.93	WHITE	3.662	371	98	275
0- 9	4.79	4.93	0.15	WHITE	0.124	57	24	35
TOTAL SCORE RANGE								
0- 45	-0.10	0.62	0.71	WHITE	1.883	1286	180	1108

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
28- 36	-3.54	-0.71	2.83	SPANISH	2.920	326	23	305
19- 27	-2.43	0.51	2.94	SPANISH	5.734	544	92	454
10- 18	-0.20	2.11	2.31	WHITE	5.039	420	147	275
0- 9	3.57	4.93	1.36	WHITE	1.044	51	18	35
TOTAL SCORE RANGE								
0- 45	-1.02	0.62	1.64	SPANISH	5.189	1386	280	1108

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
SAT - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	200	8	4
	WEIGHTED N	17208	1110	270
	MEAN	-2.0965	-7.1757	-0.8785
	STAN. DEV.	3.9132	3.3489	3.4112
28- 36	N	396	35	21
	WEIGHTED N	35246	4745	1548
	MEAN	-1.4912	-3.2400	-3.1099
	STAN. DEV.	5.6089	5.0558	5.4110
19- 27	N	298	43	38
	WEIGHTED N	25729	5674	3133
	MEAN	0.4654	-3.5051	-1.4381
	STAN. DEV.	6.0878	7.0115	5.9832
10- 18	N	246	138	67
	WEIGHTED N	21674	16634	5612
	MEAN	2.0789	-0.0234	1.2904
	STAN. DEV.	5.4565	5.9255	4.2618
0- 9	N	27	32	14
	WEIGHTED N	2244	3916	1372
	MEAN	5.3087	3.7297	4.7169
	STAN. DEV.	4.3463	5.1766	3.1470
TOTAL SCORE RANGE				
0- 45	N	1167	256	144
	WEIGHTED N	102101	32079	11935
	MEAN	-0.1929	-0.9043	0.3482
	STAN. DEV.	5.7077	6.3820	5.3076

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
SAT - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
28- 36	-3.24	-1.49	1.75	BLACK	1.745	429	35	396
19- 27	-3.51	0.47	3.97	BLACK	4.283	339	43	298
10- 18	-0.02	2.08	2.10	WHITE	3.478	382	138	246
0- 9	3.73	5.31	1.58	WHITE	1.063	57	32	27
TOTAL SCORE RANGE								
0- 45	-0.90	-0.19	0.71	BLACK	1.779	1421	256	1167

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
28- 36	-3.11	-1.49	1.62	SPANISH	1.272	415	21	396
19- 27	-1.44	0.47	1.90	SPANISH	1.944	334	38	298
10- 18	1.29	2.08	0.79	WHITE	1.007	311	67	246
0- 9	4.72	5.31	0.59	WHITE	0.316	39	14	27
TOTAL SCORE RANGE								
0- 45	0.35	-0.19	0.54	SPANISH	1.057	1309	144	1167

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
SAT - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
57- 70	N	50	0	1
	WEIGHTED N	4789	0	58
	MEAN	-3.4121	0.0	-0.4000
	STAN. DEV.	4.9922	0.0	0.0
43- 56	N	348	6	3
	WEIGHTED N	34392	269	157
	MEAN	-1.8145	-8.8197	0.6045
	STAN. DEV.	7.3196	5.2966	2.1124
29- 42	N	465	42	16
	WEIGHTED N	44971	2264	925
	MEAN	-0.8190	-2.8580	-0.3059
	STAN. DEV.	8.1062	8.8863	8.0106
15- 28	N	467	152	46
	WEIGHTED N	43145	8111	2076
	MEAN	2.7691	0.6714	-0.8739
	STAN. DEV.	7.1143	5.9212	4.9409
0- 14	N	48	45	20
	WEIGHTED N	4177	2247	889
	MEAN	7.9617	4.1944	2.4641
	STAN. DEV.	5.7177	4.9866	4.8199
TOTAL SCORE RANGE				
0- 70	N	1378	245	86
	WEIGHTED N	131474	12891	4105
	MEAN	0.2826	0.4676	0.0402
	STAN. DEV.	7.8110	6.8584	5.8090

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
SAT - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
43- 56	-8.82	-1.81	7.01	BLACK	2.341	352	6	348
29- 42	-2.86	-0.82	2.04	BLACK	1.741	505	42	465
15- 28	0.67	2.77	2.10	WHITE	3.090	617	152	467
0- 14	4.19	7.96	3.77	WHITE	2.498	91	45	48
TOTAL SCORE RANGE								
0- 70	0.47	0.28	0.18	BLACK	0.351	1621	245	1378

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
43- 56	0.60	-1.81	2.42	WHITE	0.574	349	3	348
29- 42	-0.31	-0.82	0.51	WHITE	0.278	479	16	465
15- 28	-0.87	2.77	3.64	WHITE	3.243	511	46	467
0- 14	2.46	7.96	5.50	WHITE	2.842	66	20	48
TOTAL SCORE RANGE								
0- 70	0.04	0.28	0.24	WHITE	0.287	1462	86	1378

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
SAT - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	223	0	3
	WEIGHTED N	20775	0	273
	MEAN	-1.7311	0.0	-7.3667
	STAN. DEV.	4.3391	0.0	0.8055
28- 36	N	276	11	9
	WEIGHTED N	24097	692	801
	MEAN	-0.9201	-2.4642	-1.6430
	STAN. DEV.	5.6307	5.0796	4.5196
19- 27	N	259	25	20
	WEIGHTED N	23193	1409	1812
	MEAN	-0.5865	-1.3366	-1.1395
	STAN. DEV.	6.7295	7.0988	6.9764
10- 18	N	203	66	46
	WEIGHTED N	18516	5220	3805
	MEAN	2.6145	0.8886	1.7253
	STAN. DEV.	5.9701	5.2661	4.8557
0- 9	N	45	22	10
	WEIGHTED N	4018	1352	612
	MEAN	6.1640	5.3508	5.9917
	STAN. DEV.	5.9175	5.8153	4.8929
TOTAL SCORE RANGE				
0- 45	N	1006	124	88
	WEIGHTED N	90599	8673	7303
	MEAN	0.0159	0.9552	0.6630
	STAN. DEV.	6.1125	6.0835	5.9495

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
SAT -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
25- 30	N	71	1	0
	WEIGHTED N	6380	85	0
	MEAN	-2.3443	0.0	0.0
	STAN. DEV.	3.1123	0.0	0.0
19- 24	N	244	6	7
	WEIGHTED N	22698	340	787
	MEAN	-1.2858	-2.8268	-1.1902
	STAN. DEV.	4.1832	4.3505	4.3441
13- 18	N	312	42	13
	WEIGHTED N	26675	2861	987
	MEAN	-0.2439	-2.4376	-1.3927
	STAN. DEV.	3.9629	4.6953	2.4343
7- 12	N	371	162	37
	WEIGHTED N	32385	9533	4348
	MEAN	1.0629	-1.3745	0.5379
	STAN. DEV.	3.2476	3.3072	4.4163
0- 6	N	108	87	9
	WEIGHTED N	9017	5222	796
	MEAN	3.5640	2.1517	3.4491
	STAN. DEV.	2.7825	2.4042	3.2388
TOTAL SCORE RANGE				
0- 30	N	1106	298	66
	WEIGHTED N	97155	18041	6918
	MEAN	0.1638	-0.5433	0.4008
	STAN. DEV.	3.9450	3.8010	4.2761

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-RDG CCMP
SAT -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
19- 24	-2.83	-1.29	1.54	BLACK	1.034	248	6	244
13- 18	-2.44	-0.24	2.19	BLACK	3.699	352	42	312
7- 12	-1.37	1.06	2.44	BLACK	7.174	531	162	371
0- 6	2.15	3.56	1.41	WHITE	2.717	193	87	108
TOTAL SCORE RANGE								
0- 30	-0.54	0.16	0.71	BLACK	2.752	1402	298	1106

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 30	0.40	0.16	0.24	SPANISH	0.475	1170	66	1106

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RCG COMP
SAT - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
41- 50	N	32	0	0
	WEIGHTED N	2410	0	0
	MEAN	-3.5715	0.0	0.0
	STAN. DEV.	5.2104	0.0	0.0
31- 40	N	218	8	3
	WEIGHTED N	18930	447	310
	MEAN	-2.5851	-5.9255	0.9687
	STAN. DEV.	5.4978	4.6428	2.2985
21- 30	N	353	64	9
	WEIGHTED N	28609	2774	694
	MEAN	-0.8809	-3.8878	1.3986
	STAN. DEV.	5.8144	5.1909	3.4597
11- 20	N	408	194	33
	WEIGHTED N	32942	8441	3255
	MEAN	0.9436	-1.1176	-1.1738
	STAN. DEV.	4.7268	4.7353	4.1086
0- 10	N	52	49	10
	WEIGHTED N	4977	2161	1044
	MEAN	4.5704	2.2457	4.0030
	STAN. DEV.	4.4696	3.2695	5.7733
TOTAL SCORE RANGE				
0- 50	N	1063	315	55
	WEIGHTED N	87868	13823	5303
	MEAN	-0.3291	-1.3032	0.3072
	STAN. DEV.	5.5877	5.0487	4.7974

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
SAT - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
31- 40	-5.93	-2.59	3.34	BLACK	1.803	224	8	218
21- 30	-3.89	-0.88	3.01	BLACK	4.300	415	64	353
11- 20	-1.12	0.94	2.06	BLACK	4.592	600	194	408
0- 10	2.25	4.57	2.32	WHITE	2.268	99	49	52
TOTAL SCORE RANGE								
0- 50	-1.30	-0.33	0.97	BLACK	2.786	1376	315	1063

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 50	0.31	-0.33	0.64	WHITE	0.844	1116	55	1063

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
GMT - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
37- 45	N	849	22	9
	WEIGHTED N	79709	2321	893
	MEAN	-1.6344	-2.8657	-5.3804
	STAN. DEV.	4.0745	4.6708	3.2851
28- 36	N	918	84	27
	WEIGHTED N	89653	7044	3064
	MEAN	-0.3276	-0.9953	-0.8963
	STAN. DEV.	4.9255	4.4938	4.9086
19- 27	N	643	217	50
	WEIGHTED N	63166	16331	4362
	MEAN	0.3718	-0.7469	-0.5819
	STAN. DEV.	5.7944	5.6416	4.4928
10- 18	N	316	306	43
	WEIGHTED N	31466	21447	4404
	MEAN	1.7795	0.8737	-0.7289
	STAN. DEV.	5.5652	4.7673	5.1639
0- 9	N	35	64	6
	WEIGHTED N	3536	4643	707
	MEAN	4.4752	4.3382	2.3987
	STAN. DEV.	4.6257	4.2116	2.4829
TOTAL SCORE RANGE				
0- 45	N	2761	693	135
	WEIGHTED N	267530	51786	13430
	MEAN	-0.2405	0.2514	-0.8640
	STAN. DEV.	5.1355	5.2329	4.8773

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG COMP
GMT - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
37- 45	-2.87	-1.63	1.23	BLACK	1.145	869	22	849
28- 36	-1.00	-0.33	0.67	BLACK	1.176	1000	84	918
19- 27	-0.75	0.37	1.12	BLACK	2.862	858	217	643
10- 18	0.87	1.78	0.91	WHITE	2.268	620	306	316
0- 9	4.34	4.48	0.14	WHITE	0.131	97	64	35
TOTAL SCORE RANGE								
0- 45	0.25	-0.24	0.49	BLACK	2.250	3452	693	2761

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
37- 45	-5.38	-1.63	3.75	SPANISH	2.245	856	9	849
28- 36	-0.90	-0.33	0.57	SPANISH	0.585	943	27	918
19- 27	-0.58	0.37	0.95	SPANISH	1.305	691	50	643
10- 18	-0.73	1.78	2.51	WHITE	3.099	357	43	316
0- 9	2.40	4.48	2.08	WHITE	0.944	39	6	35
TOTAL SCORE RANGE								
0- 45	-0.86	-0.24	0.62	SPANISH	1.374	2894	135	2761

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-RDG COMP
MAT - GMT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
45- 55	N	243	1	0
	WEIGHTED N	23296	58	0
	MEAN	-3.0269	-7.2000	0.0
	STAN. DEV.	4.6195	0.0000	0.0
34- 44	N	982	48	10
	WEIGHTED N	93475	4661	954
	MEAN	-1.0153	-2.7033	-1.7581
	STAN. DEV.	5.1651	4.8563	2.8919
23- 33	N	811	130	47
	WEIGHTED N	78044	10452	4927
	MEAN	0.7694	-1.8568	-0.3965
	STAN. DEV.	6.3411	6.1762	5.3325
12- 22	N	590	357	53
	WEIGHTED N	57992	24931	4671
	MEAN	2.0495	-0.3028	1.5248
	STAN. DEV.	6.1378	5.2096	5.3618
0- 11	N	135	157	25
	WEIGHTED N	14723	11684	2878
	MEAN	4.6415	2.4288	3.4320
	STAN. DEV.	6.1938	4.5264	4.3295
TOTAL SCORE RANGE				
0- 55	N	2761	693	135
	WEIGHTED N	267530	51786	13430
	MEAN	0.3058	-0.2239	0.9954
	STAN. DEV.	6.0432	5.4997	5.2594

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-RDG CCMP
MAT - GMT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
34- 44	-2.70	-1.02	1.69	BLACK	2.000	1028	48	982
23- 33	-1.86	0.77	2.63	BLACK	4.869	939	130	811
12- 22	-0.30	2.05	2.35	WHITE	6.145	945	357	590
0- 11	2.43	4.64	2.21	WHITE	3.302	290	157	135
TOTAL SCORE RANGE								
0- 55	-0.22	0.31	0.53	WHITE	2.107	3452	693	2761

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
34- 44	-1.76	-1.02	0.74	SPANISH	0.409	990	10	982
23- 33	-0.40	0.77	1.17	WHITE	1.361	856	47	811
12- 22	1.52	2.05	0.52	WHITE	0.641	641	53	590
0- 11	3.43	4.64	1.21	WHITE	0.973	158	25	135
TOTAL SCORE RANGE								
0- 55	1.00	0.31	0.69	SPANISH	1.322	2894	135	2761

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

TOTAL READING

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
CAT - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	207	7	0
	WEIGHTED N	18314	892	0
	MEAN	-2.5198	-7.5696	0.0
	STAN. DEV.	5.3520	3.4085	0.0
52- 68	N	570	25	4
	WEIGHTED N	49347	2422	325
	MEAN	-2.0142	-2.2261	0.1858
	STAN. DEV.	7.7161	7.5661	6.0949
35- 51	N	456	71	8
	WEIGHTED N	42422	6176	585
	MEAN	-0.1980	-4.8338	-3.7546
	STAN. DEV.	8.6524	7.8098	7.2641
18- 34	N	306	166	6
	WEIGHTED N	28113	10063	697
	MEAN	2.8149	-0.0111	8.2324
	STAN. DEV.	7.6331	6.4033	11.7200
0- 17	N	32	24	1
	WEIGHTED N	2936	1604	56
	MEAN	8.7160	4.6451	6.4000
	STAN. DEV.	10.3033	4.6871	0.0
TOTAL SCORE RANGE				
0- 85	N	1571	293	19
	WEIGHTED N	141132	21157	1664
	MEAN	-0.3487	-1.6381	2.3778
	STAN. DEV.	8.1329	7.4008	10.6046

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
CAT - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
52- 68	-2.23	-2.01	0.21	BLACK	0.131	593	25	570
35- 51	-4.83	-0.20	4.64	BLACK	4.601	525	71	456
18- 34	-0.01	2.81	2.83	WHITE	3.712	470	166	306
0- 17	4.65	8.72	4.07	WHITE	1.909	54	24	32
TOTAL SCORE RANGE								
0- 85	-1.64	-0.35	1.29	BLACK	2.514	1862	293	1571

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 85	2.38	-0.35	2.73	SPANISH	1.466	1588	19	1571

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
CAT - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
89-110	N	86	0	0
	WEIGHTED N	6287	0	0
	MEAN	-2.9875	0.0	0.0
	STAN. DEV.	5.3242	0.0	0.0
67- 88	N	357	3	10
	WEIGHTED N	32510	252	944
	MEAN	-2.7530	-11.3980	1.6613
	STAN. DEV.	8.9643	6.5796	10.0518
45- 66	N	417	14	16
	WEIGHTED N	40636	804	2136
	MEAN	-0.7388	-2.9983	-2.2524
	STAN. DEV.	11.0360	6.3135	7.3543
23- 44	N	396	61	32
	WEIGHTED N	39770	4919	3178
	MEAN	1.5491	-3.6000	0.4793
	STAN. DEV.	8.3519	7.7792	6.1443
0- 22	N	36	7	3
	WEIGHTED N	3483	698	298
	MEAN	6.8044	5.5309	9.9987
	STAN. DEV.	6.4622	4.2719	4.0766
TOTAL SCORE RANGE				
0-110	N	1292	85	61
	WEIGHTED N	122686	6673	6556
	MEAN	-0.4320	-2.8669	0.1922
	STAN. DEV.	9.5622	7.9674	7.6089

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
CAT - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
45- 66	-3.00	-0.74	2.26	BLACK	0.871	429	14	417
23- 44	-3.60	1.55	5.15	BLACK	3.922	455	61	396
0- 22	5.53	6.80	1.27	WHITE	0.323	41	7	36
TOTAL SCORE RANGE								
0-110	-2.87	-0.43	2.43	BLACK	2.311	1375	85	1292

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0-110	0.19	-0.43	0.62	WHITE	0.506	1351	61	1292

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
CAT - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
77- 95	N	623	10	18
	WEIGHTED N	38741	621	959
	MEAN	-1.0294	-[illegible].4013	-3.3916
	STAN. DEV.	5.4878	6.9479	6.6893
58- 76	N	522	59	26
	WEIGHTED N	36030	3983	2034
	MEAN	0.4010	-1.5665	2.3152
	STAN. DEV.	8.3502	9.3362	6.6041
39- 57	N	234	103	20
	WEIGHTED N	16728	6401	1907
	MEAN	-0.0935	-1.2380	-1.2326
	STAN. DEV.	11.2603	9.6897	8.8461
20- 38	N	89	116	17
	WEIGHTED N	6411	7514	1844
	MEAN	3.4053	2.5931	-4.0886
	STAN. DEV.	11.1640	9.4653	9.1248
0- 19	N	9	11	1
	WEIGHTED N	731	692	97
	MEAN	12.5482	11.9798	12.1000
	STAN. DEV.	7.4060	10.0710	0.0000
TOTAL SCORE RANGE				
0- 95	N	1477	299	82
	WEIGHTED N	98641	19211	6841
	MEAN	0.0407	0.5985	-1.0612
	STAN. DEV.	8.3487	9.9220	8.5196

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
CAT - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
77- 95	-3.40	-1.03	2.37	BLACK	0.894	631	10	623
58- 76	-1.57	0.40	1.97	BLACK	1.720	579	59	522
39- 57	-1.24	-0.09	1.14	BLACK	1.162	335	103	234
20- 38	2.59	3.41	0.81	WHITE	0.692	203	116	89
TOTAL SCORE RANGE								
0- 95	0.60	0.04	0.56	BLACK	1.019	1774	299	1477

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
77- 95	-3.39	-1.03	2.36	SPANISH	1.187	639	18	623
58- 76	2.32	0.40	1.91	SPANISH	1.144	546	26	522
39- 57	-1.23	-0.09	1.14	SPANISH	0.587	252	20	234
20- 38	-4.09	3.41	7.49	SPANISH	3.400	104	17	89
TOTAL SCORE RANGE								
0- 95	-1.06	0.04	1.10	SPANISH	1.125	1557	82	1477

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TCTAL
CAT -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	115	2	2
	WEIGHTED N	12763	66	270
	MEAN	-2.4214	-5.6061	-4.8000
	STAN. DEV.	5.0933	0.1999	1.0000
37- 48	N	331	4	4
	WEIGHTED N	34276	240	280
	MEAN	-1.0101	-4.7892	-3.3114
	STAN. DEV.	5.5328	5.4998	4.8844
25- 36	N	398	57	23
	WEIGHTED N	40578	3291	1560
	MEAN	0.7983	-1.6666	-1.6280
	STAN. DEV.	5.4192	5.4529	5.1048
13- 24	N	204	145	23
	WEIGHTED N	21419	8213	1618
	MEAN	2.5717	-0.3102	2.0368
	STAN. DEV.	5.2433	4.8521	3.9435
0- 12	N	24	56	6
	WEIGHTED N	2321	3238	463
	MEAN	6.3745	3.7484	7.4972
	STAN. DEV.	4.5251	4.2168	4.3136
TOTAL SCORE RANGE				
0- 60	N	1072	264	58
	WEIGHTED N	111357	15048	4191
	MEAN	C.3300	0.1718	0.4781
	STAN. DEV.	5.6604	5.2743	5.4958

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
CAT -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
37- 48	-4.79	-1.01	3.78	BLACK	1.415	333	4	331
25- 36	-1.67	0.80	2.46	BLACK	3.278	453	57	398
13- 24	-0.31	2.57	2.88	WHITE	4.997	347	145	204
0- 12	3.75	6.37	2.63	WHITE	2.027	78	56	24
TOTAL SCORE RANGE								
0- 60	0.17	0.33	0.16	WHITE	0.412	1334	264	1072

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 60	0.48	0.33	0.15	SPANISH	0.197	1128	58	1072

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
CAT - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
73- 90	N	139	0	1
	WEIGHTED N	10498	0	84
	MEAN	-2.0634	0.0	-1.7000
	STAN. DEV.	6.1192	0.0	0.0
55- 72	N	303	17	1
	WEIGHTED N	25081	1349	111
	MEAN	-1.1048	-4.5552	11.0000
	STAN. DEV.	9.2858	7.8765	0.0
37- 54	N	336	47	3
	WEIGHTED N	28534	3883	130
	MEAN	1.1320	-4.3549	3.2450
	STAN. DEV.	8.9822	9.0881	2.3979
19- 36	N	255	197	7
	WEIGHTED N	22411	16727	635
	MEAN	1.8121	-0.3927	-1.6850
	STAN. DEV.	7.2633	7.6779	6.4250
0- 18	N	21	24	2
	WEIGHTED N	2121	1917	241
	MEAN	5.2085	5.0250	3.3216
	STAN. DEV.	6.1671	5.3457	1.5109
TOTAL SCORE RANGE				
0- 90	N	1054	285	14
	WEIGHTED N	88645	23876	1251
	MEAN	0.3902	-0.8373	1.1133
	STAN. DEV.	8.4639	8.1377	6.0822

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
CAT - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
55- 72	-4.56	-1.10	3.45	BLACK	1.642	318	17	303
37- 54	-4.35	1.13	5.49	BLACK	4.179	381	47	336
19- 36	-0.39	1.81	2.20	WHITE	2.757	450	197	255
0- 18	5.02	5.21	0.18	WHITE	0.073	43	24	21
TOTAL SCORE RANGE								
0- 90	-0.84	0.39	1.23	BLACK	2.193	1337	285	1054

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 90	1.11	0.39	0.72	SPANISH	0.321	1066	14	1054

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
CAT - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
81-100	N	66	0	0
	WEIGHTED N	6472	0	0
	MEAN	-3.8941	0.0	0.0
	STAN. DEV.	6.4384	0.0	0.0
61- 80	N	333	3	16
	WEIGHTED N	31314	313	1025
	MEAN	-2.7597	-4.0371	-4.5007
	STAN. DEV.	7.7818	1.8543	5.8954
41- 60	N	401	40	58
	WEIGHTED N	38503	2451	2662
	MEAN	-0.7323	-2.7300	-0.2399
	STAN. DEV.	8.4715	8.1913	7.5654
21- 40	N	286	111	181
	WEIGHTED N	27715	7302	7559
	MEAN	1.4997	0.4617	0.7118
	STAN. DEV.	7.8491	6.9699	7.5045
0- 20	N	22	26	25
	WEIGHTED N	2096	1613	1059
	MEAN	6.0272	5.2058	5.1432
	STAN. DEV.	6.1726	4.5156	5.9621
TOTAL SCORE RANGE				
0-100	N	1108	180	280
	WEIGHTED N	106100	11679	12305
	MEAN	-0.8070	0.3265	0.4531
	STAN. DEV.	8.2044	7.2893	7.5508

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
CAT - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
61- 80	-4.04	-2.76	1.28	BLACK	0.282	334	3	333
41- 60	-2.73	-0.73	2.00	BLACK	1.542	439	40	401
21- 40	0.46	1.50	1.04	WHITE	1.188	395	111	286
0- 20	5.21	6.03	0.82	WHITE	0.363	46	26	22
TOTAL SCORE RANGE								
0-100	0.33	-0.81	1.13	WHITE	1.764	1286	180	1108

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
61- 80	-4.50	-2.76	1.74	SPANISH	0.871	347	16	333
41- 60	-0.24	-0.73	0.49	WHITE	0.449	457	58	401
21- 40	0.71	1.50	0.79	WHITE	1.062	465	181	286
0- 20	5.14	6.03	0.88	WHITE	0.387	45	25	22
TOTAL SCORE RANGE								
0-100	0.45	-0.81	1.26	WHITE	2.355	1386	280	1108

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TCTAL
CTBS - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	70	1	0
	WEIGHTED N	6506	35	0
	MEAN	-2.0092	-2.3000	0.0
	STAN. DEV.	5.0055	0.0	0.0
52- 68	N	432	14	2
	WEIGHTED N	37675	1719	112
	MEAN	-1.1957	0.7080	-6.5000
	STAN. DEV.	6.5668	6.0214	2.1000
35- 51	N	612	56	5
	WEIGHTED N	54872	4197	623
	MEAN	0.4557	0.1764	-6.6594
	STAN. DEV.	7.6529	6.0680	9.8547
18- 34	N	426	180	12
	WEIGHTED N	39448	12582	929
	MEAN	1.7390	1.1976	1.9505
	STAN. DEV.	7.0498	6.4109	5.1171
0- 17	N	31	42	0
	WEIGHTED N	2631	2624	0
	MEAN	6.0699	5.0779	0.0
	STAN. DEV.	4.7880	5.7908	0.0
TOTAL SCORE RANGE				
0- 85	N	1571	293	19
	WEIGHTED N	141132	21157	1664
	MEAN	0.3646	1.4307	-1.8418
	STAN. DEV.	7.1975	6.3961	8.3339

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
CTBS - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
52- 68	0.71	-1.20	1.90	WHITE	1.000	444	14	432
35- 51	0.18	0.46	0.28	WHITE	0.285	666	56	612
18- 34	1.20	1.74	0.54	WHITE	0.869	604	180	426
0- 17	5.08	6.07	0.99	WHITE	0.598	71	42	31
TOTAL SCORE RANGE								
0- 85	1.43	0.36	1.07	BLACK	2.361	1862	293	1571

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 85	-1.84	0.36	2.21	SPANISH	1.347	1588	19	1571

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
CTBS - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
89-110	N	53	1	0
	WEIGHTED N	3496	46	0
	MEAN	-3.3445	7.7000	0.0
	STAN. DEV.	6.5785	0.0000	0.0
67- 88	N	252	16	5
	WEIGHTED N	18802	1102	394
	MEAN	-2.6739	3.0733	-2.6058
	STAN. DEV.	8.1821	7.5517	5.7835
45- 66	N	300	60	20
	WEIGHTED N	24840	4761	1661
	MEAN	-0.5992	-0.5147	-2.9037
	STAN. DEV.	9.5797	11.3717	10.6466
23- 44	N	295	179	38
	WEIGHTED N	27119	15358	3774
	MEAN	1.5367	0.6166	2.0599
	STAN. DEV.	7.7001	7.4201	7.9881
0- 22	N	24	37	6
	WEIGHTED N	2336	3841	660
	MEAN	8.8399	7.5863	6.7038
	STAN. DEV.	7.1810	6.8420	4.0015
TOTAL SCORE RANGE				
0-110	N	924	293	69
	WEIGHTED N	76593	25108	6489
	MEAN	-0.1897	1.5891	0.9784
	STAN. DEV.	8.7352	8.6572	8.8565

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
CTBS - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
67- 88	3.07	-2.67	5.75	BLACK	2.624	266	16	252
45- 66	-0.51	-0.60	0.08	WHITE	0.070	358	60	300
23- 44	0.62	1.54	0.92	WHITE	1.143	472	179	295
0- 22	7.59	8.84	1.25	WHITE	0.563	59	37	24
TOTAL SCORE RANGE								
0-110	1.59	-0.19	1.78	BLACK	3.038	1215	293	924

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0-110	0.98	-0.19	1.17	SPANISH	1.072	991	69	924

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
CTBS - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
77- 95	N	427	12	20
	WEIGHTED N	37341	1309	1849
	MEAN	-1.3710	-3.6478	-0.1994
	STAN. DEV.	4.9493	11.1904	4.1478
58- 76	N	298	25	44
	WEIGHTED N	30389	2398	4079
	MEAN	-0.2493	1.2515	-1.1994
	STAN. DEV.	8.9634	8.4961	5.7460
39- 57	N	161	43	50
	WEIGHTED N	17266	4442	4417
	MEAN	0.7715	-3.2383	-1.2451
	STAN. DEV.	11.3379	11.5691	9.0363
20- 38	N	67	96	17
	WEIGHTED N	7641	11944	1845
	MEAN	-0.9129	0.5893	-1.6320
	STAN. DEV.	8.3966	7.6144	7.5370
0- 19	N	2	8	2
	WEIGHTED N	146	945	185
	MEAN	10.1233	5.4154	10.4530
	STAN. DEV.	4.8312	6.0815	6.3492
TOTAL SCORE RANGE				
0- 95	N	955	184	133
	WEIGHTED N	92783	21038	12375
	MEAN	-0.5491	-0.1902	-0.9566
	STAN. DEV.	8.1703	9.1409	7.3361

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
CTBS - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
77- 95	-3.65	-1.37	2.28	BLACK	0.965	437	12	427
58- 76	1.25	-0.25	1.50	BLACK	0.894	321	25	298
39- 57	-3.24	0.77	4.01	BLACK	2.897	202	43	161
20- 38	0.59	-0.91	1.50	WHITE	1.170	161	96	67
0- 19	5.42	10.12	4.71	WHITE	0.739	8	8	2
TOTAL SCORE RANGE								
0- 95	-0.19	-0.55	0.36	WHITE	0.541	1137	184	955

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
77- 95	-0.20	-1.37	1.17	WHITE	0.635	445	20	427
58- 76	-1.20	-0.25	0.95	SPANISH	0.730	340	44	298
39- 57	-1.25	0.77	2.02	SPANISH	1.545	209	50	161
20- 38	-1.63	-0.91	0.72	SPANISH	0.328	82	17	67
0- 19	10.45	10.12	0.33	SPANISH	0.041	2	2	2
TOTAL SCORE RANGE								
0- 95	-0.96	-0.55	0.41	SPANISH	0.534	1086	133	955

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
CTBS -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	137	2	0
	WEIGHTED N	11440	93	0
	MEAN	-1.9871	-6.2656	0.0
	STAN. DEV.	3.9005	1.4499	0.0
37- 48	N	489	9	8
	WEIGHTED N	41513	794	617
	MEAN	-0.8712	-3.6676	-2.5519
	STAN. DEV.	5.3079	3.8449	4.3099
25- 36	N	536	42	31
	WEIGHTED N	45340	3210	2283
	MEAN	-0.5776	-0.7776	0.2884
	STAN. DEV.	5.3031	6.5529	4.9735
13- 24	N	314	112	11
	WEIGHTED N	29017	7763	775
	MEAN	1.4034	0.1612	1.1010
	STAN. DEV.	4.8399	4.1160	4.0909
0- 12	N	18	17	2
	WEIGHTED N	1557	1189	183
	MEAN	5.7450	2.7151	1.4213
	STAN. DEV.	4.0489	4.0441	6.8187
TOTAL SCORE RANGE				
0- 60	N	1494	182	52
	WEIGHTED N	128867	13049	3858
	MEAN	-0.2749	-0.1158	0.0512
	STAN. DEV.	5.2223	4.9967	4.9601

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
CTBS ; -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
37- 48	-3.67	-0.87	2.80	BLACK	1.613	496	9	489
25- 36	-0.78	-0.58	0.20	BLACK	0.242	576	42	536
13- 24	0.16	1.40	1.24	WHITE	2.190	424	112	314
0- 12	2.72	5.75	3.03	WHITE	1.738	33	17	18
TOTAL SCORE RANGE								
0- 60	-0.12	-0.27	0.16	WHITE	0.390	1674	182	1494

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 60	0.05	-0.27	0.33	WHITE	0.445	1544	52	1494

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
CTBS - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
73- 90	N	129	1	0
	WEIGHTED N	9653	78	0
	MEAN	-2.9639	-1.7000	0.0
	STAN. DEV.	5.9331	0.0	0.0
55- 72	N	269	11	1
	WEIGHTED N	23360	809	94
	MEAN	-2.0683	-7.0358	-9.7000
	STAN. DEV.	7.6206	7.0106	0.0000
37- 54	N	339	76	4
	WEIGHTED N	31424	6158	482
	MEAN	0.5497	-2.1227	0.7822
	STAN. DEV.	7.9989	7.5832	7.4357
19- 36	N	344	352	13
	WEIGHTED N	31380	28744	1127
	MEAN	1.6052	-0.7301	0.5916
	STAN. DEV.	7.1393	6.4213	4.8641
0- 18	N	23	81	4
	WEIGHTED N	2309	5325	306
	MEAN	5.4182	6.0178	2.6000
	STAN. DEV.	6.1062	5.4366	6.5216
TOTAL SCORE RANGE				
0- 90	N	1104	521	22
	WEIGHTED N	98126	41114	2009
	MEAN	0.0329	-0.1906	0.4617
	STAN. DEV.	7.6451	6.9940	6.2111

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
CTBS - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
55- 72	-7.04	-2.07	4.97	BLACK	2.237	278	11	269
37- 54	-2.12	0.55	2.67	BLACK	2.916	413	76	339
19- 36	-0.73	1.61	2.34	WHITE	4.266	694	352	344
0- 18	6.02	5.42	0.60	BLACK	0.351	102	81	23
TOTAL SCORE RANGE								
0- 90	-0.19	0.03	0.22	BLACK	0.566	1623	521	1104

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 90	0.46	0.03	0.43	SPANISH	0.268	1124	22	1104

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
CTBS - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
81-100	N	59	0	1
	WEIGHTED N	5191	0	69
	MEAN	-4.2661	0.0	-6.5000
	STAN. DEV.	6.0270	0.0	0.0
61- 80	N	328	12	7
	WEIGHTED N	27415	1627	505
	MEAN	-1.6367	-6.5278	-1.8332
	STAN. DEV.	6.6678	11.6217	5.9841
41- 60	N	435	58	27
	WEIGHTED N	38916	7791	2049
	MEAN	-0.0235	0.4225	-3.8795
	STAN. DEV.	8.8086	11.1868	7.9411
21- 40	N	323	136	106
	WEIGHTED N	28396	16240	9088
	MEAN	2.3439	0.9468	-1.3811
	STAN. DEV.	7.2480	7.7073	6.4876
0- 20	N	22	50	3
	WEIGHTED N	2183	6421	224
	MEAN	5.1418	7.5373	5.6214
	STAN. DEV.	6.6541	6.1620	4.0424
TOTAL SCORE RANGE				
0-100	N	1167	256	144
	WEIGHTED N	102101	32079	11935
	MEAN	0.0965	1.7595	-1.7275
	STAN. DEV.	8.4190	9.2656	6.8359

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
CTBS - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
61- 80	-6.53	-1.64	4.89	BLACK	2.018	338	12	328
41- 60	0.42	-0.02	0.45	BLACK	0.387	491	58	435
21- 40	0.95	2.34	1.40	WHITE	1.657	457	136	323
0- 20	7.54	5.14	2.40	BLACK	1.135	70	50	22
TOTAL SCORE RANGE								
0-100	1.76	0.10	1.66	BLACK	2.855	1421	256	1167

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
61- 80	-1.84	-1.64	0.20	SPANISH	0.064	333	7	328
41- 60	-3.88	-0.02	3.86	SPANISH	2.358	460	27	435
21- 40	-1.38	2.34	3.72	WHITE	4.035	427	106	323
0- 20	5.62	5.14	0.48	SPANISH	0.095	23	3	22
TOTAL SCORE RANGE								
0-100	-1.73	0.10	1.82	SPANISH	2.447	1309	144	1167

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
ITBS - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	88	0	1
	WEIGHTED N	6222	0	102
	MEAN	-1.8665	0.0	-13.6000
	STAN. DEV.	5.1401	0.0	0.0000
52- 68	N	368	2	9
	WEIGHTED N	33450	119	847
	MEAN	-1.2695	3.2269	-1.8999
	STAN. DEV.	6.5329	0.5495	6.0975
35- 51	N	493	21	25
	WEIGHTED N	48882	1537	3056
	MEAN	0.1764	-0.6740	0.1414
	STAN. DEV.	6.6459	6.9265	5.1821
18- 34	N	315	47	26
	WEIGHTED N	31587	3832	2551
	MEAN	2.0464	2.9148	0.0724
	STAN. DEV.	7.2361	6.8448	6.6013
0- 17	N	28	15	0
	WEIGHTED N	2545	1185	0
	MEAN	9.2925	7.5369	0.0
	STAN. DEV.	7.3072	6.4377	0.0
TOTAL SCORE RANGE				
0- 85	N	1292	85	61
	WEIGHTED N	122686	6673	6556
	MEAN	0.3491	2.9145	-0.3629
	STAN. DEV.	6.9685	7.2168	6.1238

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
ITBS - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
35- 51	-0.67	0.18	0.85	BLACK	0.552	512	21	493
18- 34	2.91	2.05	0.87	BLACK	0.803	360	47	315
0- 17	7.54	9.29	1.76	WHITE	0.794	41	15	28
TOTAL SCORE RANGE								
0- 85	2.91	0.35	2.57	BLACK	3.293	1375	85	1292

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 85	-0.36	0.35	0.71	SPANISH	0.781	1351	61	1292

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TCTAL
ITBS - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	125	5	0
	WEIGHTED N	9134	325	0
	MEAN	-1.3596	-6.2594	0.0
	STAN. DEV.	4.5304	2.2284	0.0
52- 68	N	347	42	13
	WEIGHTED N	27505	3549	1041
	MEAN	-0.8548	-4.5722	-4.7422
	STAN. DEV.	6.3931	6.9082	4.6202
35- 51	N	266	89	31
	WEIGHTED N	22935	7412	2884
	MEAN	0.0830	-2.7595	-1.4736
	STAN. DEV.	8.4729	9.5690	8.5877
18- 34	N	175	143	23
	WEIGHTED N	15904	12542	2349
	MEAN	2.3935	-0.4841	-0.6713
	STAN. DEV.	7.6627	7.4145	8.0143
0- 17	N	11	14	2
	WEIGHTED N	1115	1280	215
	MEAN	6.3585	6.5275	17.1470
	STAN. DEV.	7.3787	8.1375	3.7996
TOTAL SCORE RANGE				
0- 85	N	924	293	69
	WEIGHTED N	76593	25108	6489
	MEAN	0.1453	-1.4510	-1.0906
	STAN. DEV.	7.3381	8.4007	8.5568

GRADE 4

POST HOC COMPARISONS SUMMARY TAB E-TOTAL
ITBS - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
52- 68	-4.57	-0.85	3.72	BLACK	2.976	387	42	347
35- 51	-2.76	0.08	2.84	BLACK	3.035	353	89	266
18- 34	-0.48	2.39	2.88	WHITE	3.338	316	143	175
0- 17	6.53	6.36	0.17	BLACK	0.055	23	14	11
TOTAL SCORE RANGE								
0- 85	-1.45	0.15	1.60	BLACK	3.104	1215	293	924

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 85	-1.09	0.15	1.24	SPANISH	1.291	991	69	924

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TCTAL
ITBS - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
77- 95	N	400	12	4
	WEIGHTED N	37391	829	554
	MEAN	-1.3509	-1.4537	-3.5552
	STAN. DEV.	4.9607	3.2090	5.8178
58- 76	N	338	41	24
	WEIGHTED N	30500	3342	2441
	MEAN	-1.6822	-5.7997	-3.4605
	STAN. DEV.	7.9398	7.3611	7.2715
39- 57	N	183	81	38
	WEIGHTED N	17516	6325	4989
	MEAN	-0.9102	-4.2268	-0.8033
	STAN. DEV.	10.5888	10.2872	14.9892
20- 38	N	84	140	43
	WEIGHTED N	6703	9482	4318
	MEAN	7.1659	2.6526	3.3784
	STAN. DEV.	12.1784	11.2000	8.2092
0- 19	N	15	20	8
	WEIGHTED N	1375	1265	983
	MEAN	11.2804	12.5560	8.3808
	STAN. DEV.	10.0800	10.0432	9.6069
TOTAL SCORE RANGE				
0- 95	N	1020	294	117
	WEIGHTED N	93485	21243	13285
	MEAN	-0.5800	-0.2960	0.6324
	STAN. DEV.	8.4007	11.2057	11.6495

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
ITBS - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
77- 95	-1.45	-1.35	0.10	BLACK	0.040	410	12	400
58- 76	-5.80	-1.68	4.12	BLACK	2.828	377	41	338
39- 57	-4.23	-0.91	3.32	BLACK	2.823	262	81	183
20- 38	2.65	7.17	4.51	WHITE	3.715	222	140	84
0- 19	12.56	11.28	1.28	BLACK	0.424	33	20	15
TOTAL SCORE RANGE								
0- 95	-0.30	-0.58	0.28	WHITE	0.459	1312	294	1020

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
77- 95	-3.56	-1.35	2.20	SPANISH	0.498	402	4	400
58- 76	-3.46	-1.68	1.78	SPANISH	0.956	360	24	338
39- 57	-0.80	-0.91	0.11	WHITE	0.068	219	38	183
20- 38	3.38	7.17	3.79	WHITE	2.295	125	43	84
0- 19	8.38	11.28	2.90	WHITE	0.752	21	8	15
TOTAL SCORE RANGE								
0- 95	0.63	-0.58	1.21	SPANISH	1.329	1135	117	1020

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
ITBS -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	135	0	2
	WEIGHTED N	12046	0	99
	MEAN	-2.2286	0.0	-6.8374
	STAN. DEV.	4.7245	0.0	2.6434
37- 48	N	372	5	3
	WEIGHTED N	33982	742	214
	MEAN	-0.2672	-0.9461	-5.8855
	STAN. DEV.	4.9794	3.7051	3.9757
25- 36	N	391	11	14
	WEIGHTED N	40152	1406	1152
	MEAN	0.7976	-3.9219	0.0184
	STAN. DEV.	5.5064	6.4433	5.7703
13- 24	N	219	23	22
	WEIGHTED N	22455	2384	1874
	MEAN	1.0095	1.7648	0.3622
	STAN. DEV.	5.5101	5.0395	6.6996
0- 12	N	13	2	4
	WEIGHTED N	1324	257	372
	MEAN	2.5130	11.6420	3.3677
	STAN. DEV.	4.4043	3.4279	6.8644
TOTAL SCORE RANGE				
0- 60	N	1130	41	45
	WEIGHTED N	109959	4789	3711
	MEAN	0.2009	0.2053	0.0044
	STAN. DEV.	5.3531	6.4051	6.5781

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
ITBS -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
37- 48	-0.95	-0.27	0.68	BLACK	0.281	375	5	372
25- 36	-3.92	0.80	4.72	BLACK	2.873	400	11	391
13- 24	1.76	1.01	0.76	BLACK	0.641	240	23	219
0- 12	11.64	2.51	9.13	BLACK	2.237	13	2	13
TOTAL SCORE RANGE								
0- 60	0.21	0.20	0.00	BLACK	0.005	1169	41	1130

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
37- 48	-5.89	-0.27	5.62	SPANISH	1.804	373	3	372
25- 36	0.02	0.80	0.78	WHITE	0.533	403	14	391
13- 24	0.36	1.01	0.65	WHITE	0.539	239	22	219
0- 12	3.37	2.51	0.85	SPANISH	0.278	15	4	13
TOTAL SCORE RANGE								
0- 60	0.00	0.20	0.20	WHITE	0.237	1173	45	1130

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
ITBS - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
73- 90	N	106	0	0
	WEIGHTED N	10159	0	0
	MEAN	-2.0902	0.0	0.0
	STAN. DEV.	5.2243	0.0	0.0
55- 72	N	252	1	3
	WEIGHTED N	23901	74	229
	MEAN	-0.5067	7.0000	6.5384
	STAN. DEV.	7.7379	0.0	3.2332
37- 54	N	269	12	31
	WEIGHTED N	25303	999	3540
	MEAN	-0.6102	-1.7804	-5.2786
	STAN. DEV.	8.3940	7.5421	7.2835
19- 36	N	242	121	111
	WEIGHTED N	24360	8116	11480
	MEAN	1.4005	-0.2869	0.0372
	STAN. DEV.	6.5610	5.7669	5.4077
0- 18	N	12	27	22
	WEIGHTED N	1329	1760	2725
	MEAN	4.0381	6.9184	7.2829
	STAN. DEV.	2.4530	6.7961	5.0102
TOTAL SCORE RANGE				
0- 90	N	881	161	167
	WEIGHTED N	85052	10949	17974
	MEAN	-0.1094	0.7843	0.1716
	STAN. DEV.	7.4149	6.7102	6.8637

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
ITBS - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
37- 54	-1.78	-0.61	1.17	BLACK	0.568	279	12	269
19- 36	-0.29	1.40	1.69	WHITE	2.171	361	121	242
0- 18	6.92	4.04	2.88	BLACK	1.189	37	27	12
TOTAL SCORE RANGE								
0- 90	0.78	-0.11	0.89	BLACK	1.436	1040	161	881

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
37- 54	-5.28	-0.61	4.67	SPANISH	3.526	298	31	269
19- 36	0.04	1.40	1.36	WHITE	1.704	351	111	242
0- 18	7.28	4.04	3.24	SPANISH	1.295	32	22	12
TOTAL SCORE RANGE								
0- 90	0.17	-0.11	0.28	SPANISH	0.459	1046	167	881

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
ITBS - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
81-100	N	56	0	0
	WEIGHTED N	5727	0	0
	MEAN	-3.7964	0.0	0.0
	STAN. DEV.	5.8971	0.0	0.0
61- 80	N	366	7	5
	WEIGHTED N	36331	416	264
	MEAN	-2.0764	-9.7558	-2.4152
	STAN. DEV.	7.5848	5.9776	6.7889
41- 60	N	548	54	15
	WEIGHTED N	52531	2782	865
	MEAN	-0.6005	-3.9199	-3.5563
	STAN. DEV.	8.5452	8.4519	8.5622
21- 40	N	381	159	53
	WEIGHTED N	34683	8405	2403
	MEAN	2.4450	-0.3239	-0.9895
	STAN. DEV.	8.7491	7.4990	5.9419
0- 20	N	27	25	13
	WEIGHTED N	2202	1288	573
	MEAN	7.3006	4.7523	4.0548
	STAN. DEV.	7.0964	5.3942	5.9380
TOTAL SCORE RANGE				
0-100	N	1378	245	86
	WEIGHTED N	131474	12891	4105
	MEAN	-0.2118	-0.8972	-0.9179
	STAN. DEV.	8.4860	8.0031	7.0048

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
ITBS - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
61- 80	-9.76	-2.08	7.68	BLACK	2.469	371	7	366
41- 60	-3.92	-0.60	3.32	BLACK	2.855	600	54	548
21- 40	-0.32	2.45	2.77	WHITE	3.598	538	159	381
0- 20	4.75	7.30	2.55	WHITE	1.126	50	25	27
TOTAL SCORE RANGE								
0-100	-0.90	-0.21	0.69	BLACK	1.183	1621	245	1378

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
61- 80	-2.42	-2.08	0.34	SPANISH	0.092	369	5	366
41- 60	-3.56	-0.60	2.96	SPANISH	1.386	561	15	548
21- 40	-0.99	2.45	3.43	WHITE	2.874	432	53	381
0- 20	4.05	7.30	3.25	WHITE	1.180	38	13	27
TOTAL SCORE RANGE								
0-100	-0.92	-0.21	0.71	SPANISH	0.760	1462	86	1378

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
MAT - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	117	0	2
	WEIGHTED N	6534	0	38
	MEAN	-3.2951	0.0	-8.9000
	STAN. DEV.	4.9956	0.0	1.5000
52- 68	N	508	15	13
	WEIGHTED N	31758	1215	309
	MEAN	-2.4704	-5.7928	-2.9936
	STAN. DEV.	6.4321	5.2575	6.3953
35- 51	N	581	72	32
	WEIGHTED N	40289	4331	2719
	MEAN	0.4685	-2.0678	-0.7965
	STAN. DEV.	6.2424	5.9782	6.2963
18- 34	N	256	186	31
	WEIGHTED N	19153	11843	2950
	MEAN	2.6578	0.0324	2.8787
	STAN. DEV.	6.2198	5.4261	3.2186
0- 17	N	15	26	4
	WEIGHTED N	907	1822	325
	MEAN	6.6521	4.6245	0.4963
	STAN. DEV.	2.8699	4.4083	8.0999
TOTAL SCORE RANGE				
0- 85	N	1477	299	82
	WEIGHTED N	98641	19211	6841
	MEAN	-0.2450	-0.3740	0.5449
	STAN. DEV.	6.5550	5.8970	5.7645

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
MAT - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
52- 68	-5.79	-2.47	3.32	BLACK	2.067	521	15	508
35- 51	-2.07	0.47	2.54	BLACK	3.308	651	72	581
18- 34	0.03	2.66	2.63	WHITE	4.441	440	186	256
0- 17	4.62	6.65	2.03	WHITE	1.019	39	26	15
TOTAL SCORE RANGE								
0- 85	-0.37	-0.25	0.13	BLACK	0.317	1774	299	1477

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
52- 68	-2.99	-2.47	0.52	SPANISH	0.304	519	13	508
35- 51	-0.80	0.47	1.27	SPANISH	1.135	611	32	581
18- 34	2.88	2.66	0.22	SPANISH	0.189	285	31	256
0- 17	0.50	6.65	6.16	WHITE	1.783	17	4	15
TOTAL SCORE RANGE								
0- 85	0.54	-0.25	0.79	SPANISH	1.084	1557	82	1477

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TCTAL
MAT - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	203	3	4
	WEIGHTED N	16256	172	417
	MEAN	-2.1884	-0.6017	-5.3139
	STAN. DEV.	5.2993	5.5737	3.2879
52- 68	N	362	25	28
	WEIGHTED N	34538	2243	2483
	MEAN	-0.3728	-5.0271	-0.4797
	STAN. DEV.	7.1900	7.1308	4.9149
35- 51	N	235	23	54
	WEIGHTED N	25386	2321	4884
	MEAN	0.6441	-2.7942	-0.2840
	STAN. DEV.	7.6095	6.5255	5.1655
18- 34	N	139	118	45
	WEIGHTED N	14992	14551	4334
	MEAN	3.6110	0.6377	2.3046
	STAN. DEV.	6.1268	5.8661	5.2383
0- 17	N	16	15	2
	WEIGHTED N	1611	1751	257
	MEAN	7.7837	5.2267	6.5739
	STAN. DEV.	4.4425	3.2218	1.3173
TOTAL SCORE RANGE				
0- 85	N	955	184	133
	WEIGHTED N	92783	21038	12375
	MEAN	0.3726	0.0269	0.5562
	STAN. DEV.	7.1020	6.4149	5.3727

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
MAT - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
69- 85	-0.60	-2.19	1.59	WHITE	0.418	204	3	203
52- 68	-5.03	-0.37	4.65	BLACK	3.450	385	25	362
35- 51	-2.79	0.64	3.44	BLACK	2.412	256	23	235
18- 34	0.64	3.61	2.97	WHITE	3.640	255	118	139
0- 17	5.23	7.78	2.56	WHITE	1.090	29	15	16
TOTAL SCORE RANGE								
0- 85	0.03	0.37	0.35	WHITE	0.627	1137	184	955

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
69- 85	-5.31	-2.19	3.13	SPANISH	0.949	205	4	203
52- 68	-0.48	-0.37	0.11	SPANISH	0.084	388	28	362
35- 51	-0.28	0.64	0.93	WHITE	0.943	287	54	235
18- 34	2.30	3.61	1.31	WHITE	1.167	182	45	139
0- 17	6.57	7.78	1.21	WHITE	0.247	16	2	16
TOTAL SCORE RANGE								
0- 85	0.56	0.37	0.18	SPANISH	0.289	1036	133	955

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
MAT - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
89-110	N	47	0	0
	WEIGHTED N	4892	0	0
	MEAN	-3.6275	0.0	0.0
	STAN. DEV.	5.3112	0.0	0.0
67- 88	N	304	9	6
	WEIGHTED N	27846	659	935
	MEAN	-0.9148	1.1522	-12.2347
	STAN. DEV.	8.1480	5.7308	11.1491
45- 66	N	327	28	17
	WEIGHTED N	29770	1825	1872
	MEAN	1.6977	-0.4087	-1.7191
	STAN. DEV.	9.2425	8.4089	12.9070
23- 44	N	321	207	84
	WEIGHTED N	28942	15484	9083
	MEAN	1.7636	-0.2033	-0.1409
	STAN. DEV.	7.9772	6.6040	6.2740
0- 22	N	21	50	10
	WEIGHTED N	2035	3275	1395
	MEAN	4.6898	4.5241	6.6316
	STAN. DEV.	6.4721	6.0221	6.6738
TOTAL SCORE RANGE				
0-110	N	1020	294	117
	WEIGHTED N	93485	21243	13285
	MEAN	0.7264	0.5499	-0.5033
	STAN. DEV.	8.4757	6.8857	8.8962

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
MAT - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
67- 88	1.15	-0.91	2.07	BLACK	0.755	311	9	304
45- 66	-0.41	1.70	2.11	WHITE	1.322	353	28	327
23- 44	-0.20	1.76	1.97	WHITE	2.726	526	207	321
0- 22	4.52	4.69	0.17	WHITE	0.079	69	50	21
TOTAL SCORE RANGE								
0-110	0.55	0.73	0.18	WHITE	0.324	1312	294	1020

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
67- 88	-12.23	-0.91	11.32	SPANISH	3.393	308	6	304
45- 66	-1.72	1.70	3.42	SPANISH	1.697	342	17	327
23- 44	-0.14	1.76	1.90	WHITE	1.920	403	84	321
0- 22	6.63	4.69	1.94	SPANISH	0.624	29	10	21
TOTAL SCORE RANGE								
0-110	-0.50	0.73	1.23	WHITE	1.533	1135	117	1020

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
MAT -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	146	1	0
	WEIGHTED N	11245	79	0
	MEAN	-2.1996	-5.1000	0.0
	STAN. DEV.	4.1841	0.0000	0.0
37- 48	N	413	10	2
	WEIGHTED N	32739	472	261
	MEAN	-0.2327	-1.8907	0.3690
	STAN. DEV.	5.1283	3.8228	4.2176
25- 36	N	572	87	3
	WEIGHTED N	46271	4015	198
	MEAN	0.4832	-0.8131	-6.6561
	STAN. DEV.	5.5187	4.3097	10.9226
13- 24	N	333	173	18
	WEIGHTED N	26394	7753	1123
	MEAN	2.1668	0.9067	0.0614
	STAN. DEV.	4.9501	4.1583	4.9433
0- 12	N	29	8	1
	WEIGHTED N	2238	314	59
	MEAN	6.4637	6.4710	8.3000
	STAN. DEV.	4.9787	4.5016	0.0
TOTAL SCORE RANGE				
0- 60	N	1493	279	24
	WEIGHTED N	118887	12633	1641
	MEAN	0.5186	0.3564	-0.4040
	STAN. DEV.	5.3649	4.4147	6.4522

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
MAT -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
37- 48	-1.89	-0.23	1.66	BLACK	1.016	421	10	413
25- 36	-0.81	0.48	1.30	BLACK	2.208	657	87	572
13- 24	0.91	2.17	1.26	WHITE	2.636	504	173	333
0- 12	6.47	6.46	0.01	BLACK	0.004	35	8	29
TOTAL SCORE RANGE								
0- 60	0.36	0.52	0.16	WHITE	0.474	1770	279	1493

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 60	-0.40	0.52	0.92	WHITE	0.854	1515	24	1493

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
MAT - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
73- 90	N	108	5	1
	WEIGHTED N	9109	466	86
	MEAN	-3.1468	-4.2002	-8.6000
	STAN. DEV.	6.8428	7.2492	0.0000
55- 72	N	277	6	3
	WEIGHTED N	26628	364	211
	MEAN	-2.2075	-3.7549	1.4626
	STAN. DEV.	8.0206	7.2008	10.8271
37- 54	N	399	27	8
	WEIGHTED N	37136	2454	454
	MEAN	0.8440	1.3598	-3.5348
	STAN. DEV.	8.2975	9.7068	6.2999
19- 36	N	426	343	5
	WEIGHTED N	42264	23762	297
	MEAN	0.7947	-2.6246	1.6949
	STAN. DEV.	6.8111	6.3418	8.0197
0- 18	N	38	76	0
	WEIGHTED N	3654	4555	0
	MEAN	6.9126	2.0916	0.0
	STAN. DEV.	4.3639	4.9633	0.0
TOTAL SCORE RANGE				
0- 90	N	1248	457	17
	WEIGHTED N	118791	31601	1048
	MEAN	0.0231	-1.6717	-1.4622
	STAN. DEV.	7.7713	6.7870	8.3433

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
MAT - SPA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
55- 72	-3.75	-2.21	1.55	BLACK	0.514	281	6	277
37- 54	1.36	0.84	0.52	BLACK	0.356	424	27	399
19- 36	-2.62	0.79	3.42	BLACK	6.461	767	343	426
0- 18	2.09	6.91	4.82	WHITE	3.326	112	76	38
TOTAL SCORE RANGE								
0- 90	-1.67	0.02	1.69	BLACK	4.114	1703	457	1248

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 90	-1.46	0.02	1.49	SPANISH	0.807	1263	17	1248

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
MAT - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
81-100	N	30	0	0
	WEIGHTED N	2695	0	0
	MEAN	-4.7500	0.0	0.0
	STAN. DEV.	5.5504	0.0	0.0
61- 80	N	204	3	2
	WEIGHTED N	19097	215	182
	MEAN	-1.6150	-7.9056	20.6500
	STAN. DEV.	8.0617	2.0890	6.8500
41- 60	N	348	15	14
	WEIGHTED N	31277	648	1435
	MEAN	-0.4082	-4.1775	-2.0899
	STAN. DEV.	8.7585	6.0328	6.0914
21- 40	N	374	76	55
	WEIGHTED N	33274	5896	4605
	MEAN	0.8408	-2.6476	-0.9121
	STAN. DEV.	7.2900	5.7518	6.5998
0- 20	N	50	30	17
	WEIGHTED N	4256	1914	1081
	MEAN	5.1905	2.9565	1.8321
	STAN. DEV.	6.8243	5.7856	6.7057
TOTAL SCORE RANGE				
0-100	N	1006	124	88
	WEIGHTED N	90599	8673	7303
	MEAN	-0.0700	-1.6555	-0.2000
	STAN. DEV.	8.0995	6.2858	7.4195

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
MAT - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
41- 60	-4.18	-0.41	3.77	BLACK	1.870	361	15	348
21- 40	-2.65	0.84	3.49	BLACK	3.628	448	76	374
0- 20	2.96	5.19	2.23	WHITE	1.266	78	30	50
TOTAL SCORE RANGE								
0-100	-1.66	-0.07	1.59	BLACK	2.110	1128	124	1006

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
41- 60	-2.09	-0.41	1.68	SPANISH	0.807	360	14	348
21- 40	-0.91	0.84	1.75	SPANISH	1.588	427	55	374
0- 20	1.83	5.19	3.36	WHITE	1.565	65	17	50
TOTAL SCORE RANGE								
0-100	-0.20	-0.07	0.13	SPANISH	0.148	1092	88	1006

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
STEP II - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	68	0	1
	WEIGHTED N	7275	0	135
	MEAN	-3.0343	0.0	6.2000
	STAN. DEV.	5.6508	0.0	0.0000
52- 68	N	323	10	3
	WEIGHTED N	34481	452	286
	MEAN	-1.6889	-4.4551	-2.0762
	STAN. DEV.	6.8375	5.9204	12.2424
35- 51	N	445	41	20
	WEIGHTED N	45966	2464	1322
	MEAN	-0.0467	-1.7749	0.9237
	STAN. DEV.	8.2465	7.4055	5.5435
18- 34	N	216	159	32
	WEIGHTED N	21747	9210	2304
	MEAN	1.5649	-1.2047	-1.6849
	STAN. DEV.	7.3059	6.4455	7.5175
0- 17	N	20	54	2
	WEIGHTED N	1888	2922	144
	MEAN	3.1624	5.0919	2.5000
	STAN. DEV.	5.5558	5.3445	3.2000
TOTAL SCORE RANGE				
0- 85	N	1072	264	58
	WEIGHTED N	111357	15048	4191
	MEAN	-0.3812	-0.1730	-0.4910
	STAN. DEV.	7.5874	6.9290	7.3944

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
STEP II - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
52- 68	-4.46	-1.69	2.77	BLACK	1.171	331	10	323
35- 51	-1.77	-0.05	1.73	BLACK	1.439	484	41	445
18- 34	-1.20	1.56	2.77	WHITE	3.601	373	159	216
0- 17	5.09	3.16	1.93	BLACK	1.001	72	54	20
TOTAL SCORE RANGE								
0- 85	-0.17	-0.38	0.21	WHITE	0.406	1334	264	1072

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 85	-0.49	-0.38	0.11	SPANISH	0.109	1128	58	1072

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
STEP II - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	232	3	1
	WEIGHTED N	19204	257	83
	MEAN	-2.7482	-10.6821	-1.2000
	STAN. DEV.	5.2492	11.9575	0.0
52- 68	N	528	14	20
	WEIGHTED N	44241	1125	1509
	MEAN	-0.2710	-3.2673	-4.2616
	STAN. DEV.	6.9148	7.2288	5.4155
35- 51	N	448	41	18
	WEIGHTED N	39869	3244	1256
	MEAN	1.2106	-0.3071	3.6488
	STAN. DEV.	8.7285	8.6307	8.1106
18- 34	N	272	115	12
	WEIGHTED N	24330	7779	893
	MEAN	3.1143	0.9579	1.9393
	STAN. DEV.	8.4943	6.8852	8.4710
0- 17	N	14	9	1
	WEIGHTED N	1223	644	117
	MEAN	7.0595	5.8011	5.1000
	STAN. DEV.	4.9036	5.6850	0.0000
TOTAL SCORE RANGE				
0- 85	N	1494	182	52
	WEIGHTED N	128867	13049	3858
	MEAN	0.5269	0.2889	0.0988
	STAN. DEV.	7.8469	7.8109	7.9130

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
STEP II - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
52- 68	-3.27	-0.27	3.00	BLACK	1.405	540	14	528
35- 51	-0.31	1.21	1.52	WHITE	1.181	487	41	448
18- 34	0.96	3.11	2.16	WHITE	2.462	385	115	272
0- 17	5.80	7.06	1.26	WHITE	0.374	21	9	14
TOTAL SCORE RANGE								
0- 85	0.29	0.53	0.24	WHITE	0.386	1674	182	1494

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 85	0.10	0.53	0.43	WHITE	0.387	1544	52	1494

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
STEP II - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
89-110	N	66	0	0
	WEIGHTED N	5738	0	0
	MEAN	-4.3739	0.0	0.0
	STAN. DEV.	5.5101	0.0	0.0
67- 88	N	381	3	3
	WEIGHTED N	35567	491	164
	MEAN	-2.9457	-1.8837	7.2591
	STAN. DEV.	9.6719	4.7182	6.8780
45- 66	N	366	8	10
	WEIGHTED N	35559	1078	755
	MEAN	-0.7561	-4.1707	-3.7241
	STAN. DEV.	10.7491	11.4909	11.5681
23- 44	N	290	24	26
	WEIGHTED N	29964	2715	2316
	MEAN	2.7641	-1.2217	-2.2244
	STAN. DEV.	8.7979	7.8894	8.1268
0- 22	N	27	6	6
	WEIGHTED N	3131	505	476
	MEAN	7.3857	13.8313	14.2420
	STAN. DEV.	5.6097	8.1567	3.8767
TOTAL SCORE RANGE				
0-110	N	1130	41	45
	WEIGHTED N	109959	4789	3711
	MEAN	-0.4620	-0.3660	0.0017
	STAN. DEV.	9.9301	9.9735	10.3304

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
STEP II - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
67- 88	-1.88	-2.95	1.06	WHITE	0.188	382	3	381
45- 66	-4.17	-0.76	3.41	BLACK	0.983	372	8	366
23- 44	-1.22	2.76	3.99	WHITE	1.930	312	24	290
0- 22	13.83	7.39	6.45	BLACK	1.469	31	6	27
TOTAL SCORE RANGE								
0-110	-0.37	-0.46	0.10	WHITE	0.061	1169	41	1130

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
67- 88	7.26	-2.95	10.20	SPANISH	1.811	382	3	381
45- 66	-3.72	-0.76	2.97	SPANISH	0.953	374	10	366
23- 44	-2.22	2.76	4.99	WHITE	2.507	314	26	290
0- 22	14.24	7.39	6.86	SPANISH	1.563	31	6	27
TOTAL SCORE RANGE								
0-110	0.00	-0.46	0.46	WHITE	0.306	1173	45	1130

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
STEP II - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
77- 95	N	572	10	2
	WEIGHTED N	43884	517	261
	MEAN	-2.3283	-0.1453	-0.7621
	STAN. DEV.	6.1811	3.0454	3.7959
58- 76	N	469	67	4
	WEIGHTED N	37697	3172	283
	MEAN	-1.8064	-6.6111	-9.3110
	STAN. DEV.	10.3393	9.0690	9.7867
39- 57	N	294	113	6
	WEIGHTED N	24148	5141	407
	MEAN	0.7382	-1.2660	-5.0600
	STAN. DEV.	11.9109	10.4803	7.8141
20- 38	N	144	88	9
	WEIGHTED N	12076	3772	517
	MEAN	3.7075	4.8225	2.5203
	STAN. DEV.	11.4544	9.9202	10.1682
0- 19	N	14	1	3
	WEIGHTED N	1082	31	173
	MEAN	11.1457	16.4000	27.6688
	STAN. DEV.	6.3285	0.0	17.8556
TOTAL SCORE RANGE				
0- 95	N	1493	279	24
	WEIGHTED N	118887	12633	1641
	MEAN	-0.8042	-0.7010	0.7291
	STAN. DEV.	9.7741	10.6702	14.2727

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
STEP II - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
77- 95	-0.15	-2.33	2.18	WHITE	0.717	580	10	572
58- 76	-6.61	-1.81	4.80	BLACK	3.855	534	67	469
39- 57	-1.27	0.74	2.00	BLACK	1.897	405	113	294
20- 38	4.82	3.71	1.11	BLACK	0.864	230	88	144
TOTAL SCORE RANGE								
0- 95	-0.70	-0.80	0.10	WHITE	0.158	1770	279	1493

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 95	0.73	-0.80	1.53	WHITE	0.745	1515	24	1493

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
STEP II - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
73- 90	N	150	1	2
	WEIGHTED N	13063	41	248
	MEAN	-2.6847	-6.7000	-1.5609
	STAN. DEV.	5.3917	0.0000	1.2451
55- 72	N	303	8	7
	WEIGHTED N	28699	628	354
	MEAN	-1.8691	-4.6220	-8.3042
	STAN. DEV.	8.4342	7.7064	3.2281
37- 54	N	295	33	37
	WEIGHTED N	26572	2140	1721
	MEAN	-0.8800	2.0066	-1.4610
	STAN. DEV.	8.4588	9.7729	10.0794
19- 36	N	274	169	129
	WEIGHTED N	25195	5651	5243
	MEAN	1.4458	0.1238	0.4292
	STAN. DEV.	7.5986	6.8322	6.8881
0- 18	N	15	54	36
	WEIGHTED N	1230	1461	1241
	MEAN	6.3365	5.8874	5.7695
	STAN. DEV.	5.4260	5.7294	5.5628
TOTAL SCORE RANGE				
0- 90	N	1037	265	211
	WEIGHTED N	94759	9921	8807
	MEAN	-0.7163	1.0501	0.4053
	STAN. DEV.	8.0114	7.8867	7.7984

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
STEP II - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
55- 72	-4.62	-1.87	2.75	BLACK	0.978	309	8	303
37- 54	2.01	-0.88	2.89	BLACK	2.001	326	33	295
19- 36	0.12	1.45	1.32	WHITE	1.720	441	169	274
0- 18	5.89	6.34	0.45	WHITE	0.196	67	54	15
TOTAL SCORE RANGE								
0- 90	1.05	-0.72	1.77	BLACK	3.221	1300	265	1037

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
55- 72	-8.30	-1.87	6.44	SPANISH	2.142	308	7	303
37- 54	-1.46	-0.88	0.58	SPANISH	0.424	330	37	295
19- 36	0.43	1.45	1.02	WHITE	1.211	401	129	274
0- 18	5.77	6.34	0.57	WHITE	0.235	49	36	15
TOTAL SCORE RANGE								
0- 90	0.41	-0.72	1.12	WHITE	1.864	1246	211	1037

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
STEP II - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
81-100	N	43	0	0
	WEIGHTED N	4101	0	0
	MEAN	-5.0592	0.0	0.0
	STAN. DEV.	7.6267	0.0	0.0
61- 80	N	251	4	7
	WEIGHTED N	23130	255	779
	MEAN	-0.9557	-2.8078	-9.4158
	STAN. DEV.	7.2822	4.6794	16.4306
41- 60	N	416	29	20
	WEIGHTED N	36516	2304	2312
	MEAN	0.2724	-2.3303	-2.6559
	STAN. DEV.	9.0197	6.4155	6.6893
21- 40	N	362	203	36
	WEIGHTED N	30638	11880	3491
	MEAN	1.0455	-0.3432	0.2577
	STAN. DEV.	8.2791	7.6358	6.1840
0- 20	N	34	62	3
	WEIGHTED N	2770	3602	336
	MEAN	4.4662	6.2797	9.4423
	STAN. DEV.	9.1373	9.1538	5.1173
TOTAL SCORE RANGE				
0-100	N	1106	298	66
	WEIGHTED N	97155	18041	6918
	MEAN	0.1183	0.6905	-1.3592
	STAN. DEV.	8.4781	8.3047	8.9878

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
STEP II - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
61- 80	-2.81	-0.96	1.85	BLACK	0.443	253	4	251
41- 60	-2.33	0.27	2.60	BLACK	1.634	443	29	416
21- 40	-0.34	1.05	1.39	WHITE	1.909	563	203	362
0- 20	6.28	4.47	1.81	BLACK	1.024	94	62	34
TOTAL SCORE RANGE								
C-100	0.69	0.12	0.57	BLACK	1.034	1402	298	1106

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE

NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES

TOTAL SCORE RANGE								
0-100	-1.36	0.12	1.48	SPANISH	1.376	1170	66	1106

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
SRA - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	83	0	1
	WEIGHTED N	5814	0	84
	MEAN	-3.3041	0.0	1.7000
	STAN. DEV.	5.1929	0.0	0.0
52- 68	N	353	13	1
	WEIGHTED N	28748	1091	111
	MEAN	-2.1193	-7.3547	-8.3000
	STAN. DEV.	6.1688	12.5662	0.0
35- 51	N	379	63	5
	WEIGHTED N	33091	5165	386
	MEAN	0.3244	-1.5710	-3.1135
	STAN. DEV.	6.9747	5.7960	4.1943
18- 34	N	226	181	7
	WEIGHTED N	19599	15019	670
	MEAN	1.9785	1.2798	2.4397
	STAN. DEV.	7.3758	6.6533	5.1846
0- 17	N	13	28	0
	WEIGHTED N	1393	2601	0
	MEAN	5.5112	7.9171	0.0
	STAN. DEV.	5.6520	7.1308	0.0
TOTAL SCORE RANGE				
0- 85	N	1054	285	14
	WEIGHTED N	88645	23876	1251
	MEAN	-0.2589	0.9916	-0.2763
	STAN. DEV.	6.9489	7.5992	5.6774

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
SRA - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
52- 68	-7.35	-2.12	5.24	BLACK	2.715	364	13	353
35- 51	-1.57	0.32	1.90	BLACK	2.040	440	63	379
18- 34	1.28	1.98	0.70	WHITE	1.026	405	181	226
0- 17	7.92	5.51	2.41	BLACK	1.050	39	28	13
TOTAL SCORE RANGE								
0- 85	0.99	-0.26	1.25	BLACK	2.643	1337	285	1054

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 85	-0.28	-0.26	0.02	SPANISH	0.009	1066	14	1054

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TCTAL
SRA - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	164	2	0
	WEIGHTED N	12990	130	0
	MEAN	-1.5866	-0.5400	0.0
	STAN. DEV.	4.3632	2.2535	0.0
52- 68	N	395	31	2
	WEIGHTED N	36439	2713	206
	MEAN	-0.8938	-4.9342	-0.8728
	STAN. DEV.	6.6037	7.4105	7.6705
35- 51	N	312	114	6
	WEIGHTED N	27651	9190	720
	MEAN	-0.6547	-2.8100	-3.2864
	STAN. DEV.	8.1464	8.6942	5.3777
18- 34	N	218	325	13
	WEIGHTED N	19428	26011	1015
	MEAN	2.7784	1.0403	0.9857
	STAN. DEV.	6.9960	7.3055	7.1012
0- 17	N	15	49	1
	WEIGHTED N	1618	3070	68
	MEAN	10.3120	7.7889	8.2000
	STAN. DEV.	7.8198	5.3815	0.0
TOTAL SCORE PANGE				
0- 85	N	1104	521	22
	WEIGHTED N	98126	41114	2009
	MEAN	-0.0063	0.2843	-0.4917
	STAN. DEV.	7.2634	8.0604	6.9533

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
SRA - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	CF	NUMBER OF CASES BLACK	WHITE
52- 68	-4.93	-0.89	4.04	BLACK	2.943	424	31	395
35- 51	-2.81	-0.65	2.16	BLACK	2.676	424	114	312
18- 34	1.04	2.78	1.74	WHITE	2.698	541	325	218
0- 17	7.79	10.31	2.52	WHITE	1.162	62	49	15
TOTAL SCORE RANGE								
0- 85	0.28	-0.01	0.29	BLACK	0.726	1623	521	1104

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	CF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 85	-0.49	-0.01	0.49	SPANISH	0.299	1124	22	1104

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
SRA - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
89-110	N	47	0	1
	WEIGHTED N	4570	0	44
	MEAN	-2.8829	0.0	-13.4000
	STAN. DEV.	4.2283	0.0	0.0
67- 88	N	276	1	3
	WEIGHTED N	26334	74	268
	MEAN	-1.6885	-7.4000	-6.4041
	STAN. DEV.	7.7267	0.0	2.4277
45- 66	N	247	8	18
	WEIGHTED N	23096	757	1953
	MEAN	0.2209	-5.4783	-2.5522
	STAN. DEV.	9.3240	4.4894	5.4947
23- 44	N	289	127	133
	WEIGHTED N	28663	8616	14027
	MEAN	2.1675	-1.5323	-0.1387
	STAN. DEV.	8.4922	7.1420	7.6696
0- 22	N	22	25	12
	WEIGHTED N	2389	1502	1682
	MEAN	3.7647	5.8565	5.6858
	STAN. DEV.	5.5666	5.0835	7.3246
TOTAL SCORE RANGE				
0-110	N	881	161	167
	WEIGHTED N	85052	10949	17974
	MEAN	0.2185	-0.8311	0.0182
	STAN. DEV.	8.4560	7.3065	7.6872

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
SRA - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
45- 66	-5.48	0.22	5.70	BLACK	1.924	253	8	247
23- 44	-1.53	2.17	3.70	WHITE	4.214	414	127	289
0- 22	5.86	3.76	2.09	BLACK	0.868	45	25	22
TOTAL SCORE RANGE								
0-110	-0.83	0.22	1.05	BLACK	1.490	1040	161	881

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
45- 66	-2.55	0.22	2.77	SPANISH	1.377	263	18	247
23- 44	-0.14	2.17	2.31	WHITE	2.669	420	133	289
0- 22	5.69	3.76	1.92	SPANISH	0.649	32	12	22
TOTAL SCORE RANGE								
0-110	0.02	0.22	0.20	WHITE	0.289	1046	167	881

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TCTAL
SRA - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
77- 95	N	387	17	4
	WEIGHTED N	35526	1583	297
	MEAN	-1.2209	-4.4392	-1.3118
	STAN. DEV.	5.6075	6.3222	3.6803
58- 76	N	426	30	7
	WEIGHTED N	40819	2205	397
	MEAN	-1.5408	-7.6926	-2.8519
	STAN. DEV.	8.6526	8.6260	12.2418
39- 57	N	251	85	4
	WEIGHTED N	24265	5833	234
	MEAN	-C.4119	-2.7977	11.5359
	STAN. DEV.	11.7241	8.7968	5.5869
20- 38	N	171	259	2
	WEIGHTED N	16911	17587	120
	MEAN	6.2188	5.1067	12.3675
	STAN. DEV.	11.6108	10.7855	1.6479
0- 19	N	13	66	0
	WEIGHTED N	1270	4393	0
	MEAN	13.8163	13.7481	0.0
	STAN. DEV.	11.4902	8.8556	0.0
TOTAL SCORE RANGE				
0- 95	N	1248	457	17
	WEIGHTED N	118791	31601	1048
	MEAN	C.0543	3.4777	2.5398
	STAN. DEV.	9.6255	11.5054	10.5941

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
SRA - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
77- 95	-4.44	-1.22	3.22	BLACK	1.389	402	17	387
58- 76	-7.69	-1.54	6.15	BLACK	3.484	454	30	426
39- 57	-2.80	-0.41	2.39	BLACK	2.034	334	85	251
20- 38	5.11	6.22	1.11	WHITE	1.207	428	259	171
0- 19	13.75	13.82	0.07	WHITE	0.024	77	66	13
TOTAL SCORE RANGE								
0- 95	3.48	0.05	3.42	BLACK	6.153	1703	457	1248

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 95	2.54	0.05	2.49	SPANISH	1.000	1263	17	1248

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TCTAL
SRA -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	130	1	1
	WEIGHTED N	11264	41	135
	MEAN	-1.1781	4.3000	1.8000
	STAN. DEV.	3.2226	0.0	0.0
37- 48	N	328	12	13
	WEIGHTED N	29883	1005	682
	MEAN	-0.4015	-3.3662	-2.7909
	STAN. DEV.	4.5708	4.6910	5.4857
25- 36	N	370	52	53
	WEIGHTED N	34438	2703	2200
	MEAN	C.7104	-1.6827	-2.5337
	STAN. DEV.	5.1788	4.8831	4.6143
13- 24	N	203	152	117
	WEIGHTED N	18662	4881	4980
	MEAN	2.3273	-0.5004	0.6892
	STAN. DEV.	5.0052	5.6041	5.4970
0- 12	N	6	48	27
	WEIGHTED N	512	1291	810
	MEAN	5.4971	3.1448	2.6165
	STAN. DEV.	4.3764	5.4454	4.7994
TOTAL SCORE RANGE				
0- 60	N	1037	265	211
	WEIGHTED N	94759	9921	8807
	MEAN	C.4795	-0.8187	-0.1911
	STAN. DEV.	4.8997	5.5730	5.4747

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
SRA -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
37- 48	-3.37	-0.40	2.96	BLACK	1.985	338	12	328
25- 36	-1.68	0.71	2.39	BLACK	3.180	420	52	370
13- 24	-0.50	2.33	2.83	WHITE	5.188	353	152	203
0- 12	3.14	5.50	2.35	WHITE	1.069	52	48	6
TOTAL SCORE RANGE								
0- 60	-0.62	0.48	1.10	BLACK	3.121	1300	265	1037

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
37- 48	-2.79	-0.40	2.39	SPANISH	1.663	339	13	328
25- 36	-2.53	0.71	3.24	SPANISH	4.347	421	53	370
13- 24	0.69	2.33	1.64	WHITE	2.777	318	117	203
0- 12	2.62	5.50	2.88	WHITE	1.256	31	27	6
TOTAL SCORE RANGE								
0- 60	-0.19	0.48	0.67	WHITE	1.737	1246	211	1037

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
SRA - SAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
81-100	N	40	1	1
	WEIGHTED N	3459	41	85
	MEAN	-3.2797	-0.8000	-3.9000
	STAN. DEV.	4.8813	0.0	0.0000
61- 80	N	246	9	2
	WEIGHTED N	19903	410	233
	MEAN	-1.3065	-7.4417	-7.4996
	STAN. DEV.	7.5356	9.9493	0.2449
41- 60	N	398	54	12
	WEIGHTED N	32876	2441	1038
	MEAN	0.3485	-0.4117	-1.9737
	STAN. DEV.	7.8624	8.1653	7.8548
21- 40	N	347	200	32
	WEIGHTED N	28851	8515	3036
	MEAN	2.3148	1.8762	-2.3000
	STAN. DEV.	8.1165	7.4042	8.2975
0- 20	N	32	51	8
	WEIGHTED N	2779	2416	911
	MEAN	5.3580	6.7692	6.6184
	STAN. DEV.	6.3586	7.7393	4.4250
TOTAL SCORE RANGE				
0-100	N	1063	315	55
	WEIGHTED N	87868	13823	5303
	MEAN	0.6348	2.0431	-0.9581
	STAN. DEV.	7.9454	8.1625	8.2445

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
SRA - SAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
61- 80	-7.44	-1.31	6.14	BLACK	2.310	253	9	246
41- 60	-0.41	0.35	0.76	BLACK	0.670	450	54	398
21- 40	1.88	2.31	0.44	WHITE	0.631	545	200	347
0- 20	6.77	5.36	1.41	BLACK	0.799	81	51	32
TOTAL SCORE RANGE								
0-100	2.04	0.63	1.41	BLACK	2.739	1376	315	1063

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0-100	-0.96	0.63	1.59	SPANISH	1.437	1116	55	1063

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
SAT - CAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	81	0	0
	WEIGHTED N	7471	0	0
	MEAN	-3.0997	0.0	0.0
	STAN. DEV.	5.2927	0.0	0.0
52- 68	N	345	11	25
	WEIGHTED N	33190	635	1243
	MEAN	-0.1920	-4.8461	-1.8607
	STAN. DEV.	6.2658	5.7170	6.9034
35- 51	N	437	48	84
	WEIGHTED N	41520	3242	3959
	MEAN	1.0621	-2.1333	-2.7204
	STAN. DEV.	7.2202	6.3870	6.4563
18- 34	N	226	113	154
	WEIGHTED N	22168	7294	6304
	MEAN	2.2469	0.9200	0.7101
	STAN. DEV.	6.5795	6.0740	6.1339
0- 17	N	19	8	17
	WEIGHTED N	1751	508	799
	MEAN	5.5673	3.5364	6.3543
	STAN. DEV.	5.8532	5.9768	4.2966
TOTAL SCORE RANGE				
0- 85	N	1108	180	280
	WEIGHTED N	106100	11679	12305
	MEAN	0.6986	-0.1273	-0.2868
	STAN. DEV.	6.8170	6.4260	6.6504

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
SAT - CAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
52- 68	-4.85	-0.19	4.65	BLACK	2.301	354	11	345
35- 51	-2.13	1.06	3.20	BLACK	3.182	483	48	437
18- 34	0.92	2.25	1.33	WHITE	1.744	337	113	226
0- 17	3.54	5.57	2.03	WHITE	0.730	25	8	19
TOTAL SCORE RANGE								
0- 85	-0.13	0.70	0.83	WHITE	1.523	1286	180	1108

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
52- 68	-1.86	-0.19	1.67	SPANISH	1.220	368	25	345
35- 51	-2.72	1.06	3.78	SPANISH	4.307	519	84	437
18- 34	0.71	2.25	1.54	WHITE	2.227	378	154	226
0- 17	6.35	5.57	0.79	SPANISH	0.357	34	17	19
TOTAL SCORE RANGE								
0- 85	-0.29	0.70	0.99	WHITE	2.183	1386	280	1108

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
SAT - CTBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
69- 85	N	195	8	3
	WEIGHTED N	16457	1063	199
	MEAN	-1.9908	-9.5555	-0.5603
	STAN. DEV.	5.4582	6.5649	3.6557
52- 68	N	438	38	16
	WEIGHTED N	38697	5350	1184
	MEAN	-1.2208	-3.8973	-1.0643
	STAN. DEV.	7.4153	8.7086	4.5809
35- 51	N	327	55	44
	WEIGHTED N	28271	7139	3682
	MEAN	1.0769	-2.8568	-2.1894
	STAN. DEV.	8.5594	10.7777	7.1400
18- 34	N	199	139	73
	WEIGHTED N	17705	16507	6078
	MEAN	2.2016	-0.4998	4.1346
	STAN. DEV.	7.6413	8.4975	6.8638
0- 17	N	8	16	8
	WEIGHTED N	971	2020	792
	MEAN	4.6097	4.5154	8.0540
	STAN. DEV.	6.4912	6.3021	1.8183
TOTAL SCORE RANGE				
0- 85	N	1167	256	144
	WEIGHTED N	102101	32079	11935
	MEAN	-0.0598	-1.5752	1.8496
	STAN. DEV.	7.6823	9.2677	7.3095

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
SAT - CTBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
52- 68	-3.90	-1.22	2.68	BLACK	1.982	474	38	438
35- 51	-2.86	1.08	3.93	BLACK	3.381	380	55	327
18- 34	-0.50	2.20	2.70	WHITE	3.061	336	139	199
0- 17	4.52	4.61	0.09	WHITE	0.027	22	16	8
TOTAL SCORE RANGE								
0- 85	-1.58	-0.06	1.52	BLACK	2.766	1421	256	1167

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
52- 68	-1.06	-1.22	0.16	WHITE	0.077	452	16	438
35- 51	-2.19	1.08	3.27	SPANISH	2.548	369	44	327
18- 34	4.13	2.20	1.93	SPANISH	1.769	270	73	199
0- 17	8.05	4.61	3.44	SPANISH	0.863	14	8	8
TOTAL SCORE RANGE								
0- 85	1.85	-0.06	1.91	SPANISH	2.723	1309	144	1167

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
SAT - ITBS

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
89-110	N	69	0	0
	WEIGHTED N	6853	0	0
	MEAN	-3.7202	0.0	0.0
	STAN. DEV.	6.6503	0.0	0.0
67- 88	N	397	6	5
	WEIGHTED N	39767	248	254
	MEAN	-1.7746	-3.9310	-0.3799
	STAN. DEV.	9.0283	8.2445	2.8653
45- 66	N	474	45	14
	WEIGHTED N	45459	2356	847
	MEAN	-0.1540	-2.2856	2.5859
	STAN. DEV.	10.6659	11.2434	12.0981
23- 44	N	416	161	51
	WEIGHTED N	37477	8657	2291
	MEAN	3.3755	0.9798	-0.0845
	STAN. DEV.	8.9811	7.7187	5.9840
0- 22	N	22	33	16
	WEIGHTED N	1918	1630	713
	MEAN	6.6296	6.4430	3.7638
	STAN. DEV.	6.3406	6.0522	5.6515
TOTAL SCORE RANGE				
0-110	N	1378	245	86
	WEIGHTED N	131474	12891	4105
	MEAN	0.2750	0.9793	1.1166
	STAN. DEV.	9.7657	8.6741	7.6712

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
SAT - ITBS
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
67- 88	-3.93	-1.77	2.16	BLACK	0.561	401	6	397
45- 66	-2.29	-0.15	2.13	BLACK	1.463	517	45	474
23- 44	0.98	3.38	2.40	WHITE	2.763	575	161	416
0- 22	6.44	6.63	0.19	WHITE	0.073	53	33	22
TOTAL SCORE RANGE								
0-110	0.98	0.27	0.70	BLACK	1.066	1621	245	1378

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
67- 88	-0.38	-1.77	1.39	WHITE	0.332	400	5	397
45- 66	2.59	-0.15	2.74	SPANISH	1.082	486	14	474
23- 44	-0.08	3.38	3.46	WHITE	2.497	465	51	416
0- 22	3.76	6.63	2.87	WHITE	0.934	36	16	22
TOTAL SCORE RANGE								
0-110	1.12	0.27	0.84	SPANISH	0.795	1462	86	1378

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
SAT - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
77- 95	N	305	1	3
	WEIGHTED N	27909	37	273
	MEAN	-1.5322	3.8000	-8.5667
	STAN. DEV.	5.2606	0.0	2.4253
58- 76	N	321	18	16
	WEIGHTED N	28029	1152	1422
	MEAN	-1.2159	-1.8087	-3.4700
	STAN. DEV.	9.1511	7.9457	7.5441
39- 57	N	203	22	23
	WEIGHTED N	19129	1611	2055
	MEAN	0.5975	0.4676	-1.8726
	STAN. DEV.	12.1363	8.5683	10.5200
20- 38	N	154	69	35
	WEIGHTED N	13554	4808	2759
	MEAN	4.1807	3.7145	4.7462
	STAN. DEV.	11.0364	9.2199	9.6971
0- 19	N	23	14	11
	WEIGHTED N	1978	1065	794
	MEAN	13.1055	9.2680	7.0068
	STAN. DEV.	10.1451	11.1286	7.6483
TOTAL SCORE RANGE				
0- 95	N	1006	124	88
	WEIGHTED N	90599	8673	7303
	MEAN	0.1896	3.0600	1.0320
	STAN. DEV.	9.6739	9.6811	10.1580

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
SAT - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
58- 76	-1.81	-1.22	0.59	BLACK	0.237	337	18	321
39- 57	0.47	0.60	0.13	WHITE	0.056	223	22	203
20- 38	3.71	4.18	0.47	WHITE	0.312	221	69	154
0- 19	9.27	13.11	3.84	WHITE	1.096	35	14	23
TOTAL SCORE RANGE								
0- 95	3.06	0.19	2.87	BLACK	3.102	1128	124	1006

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
58- 76	-3.47	-1.22	2.25	SPANISH	0.852	335	16	321
39- 57	-1.87	0.60	2.47	SPANISH	1.087	224	23	203
20- 38	4.75	4.18	0.57	SPANISH	0.292	187	35	154
0- 19	7.01	13.11	6.10	WHITE	1.611	32	11	23
TOTAL SCORE RANGE								
0- 95	1.03	0.19	0.84	SPANISH	0.779	1092	88	1006

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
SAT -STEP II

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
49- 60	N	97	1	1
	WEIGHTED N	8732	85	61
	MEAN	-1.4739	-0.4000	-5.7000
	STAN. DEV.	4.0961	0.0000	0.0000
37- 48	N	325	8	7
	WEIGHTED N	30416	467	794
	MEAN	-1.2910	-6.8017	-0.4770
	STAN. DEV.	4.9365	7.9538	3.1137
25- 36	N	399	60	25
	WEIGHTED N	33436	4071	2353
	MEAN	-0.2178	-2.9530	-0.5763
	STAN. DEV.	5.4407	6.4265	3.9157
13- 24	N	250	190	31
	WEIGHTED N	21821	11240	3482
	MEAN	1.7847	0.0360	1.8064
	STAN. DEV.	4.9103	4.7752	6.9703
0- 12	N	35	39	2
	WEIGHTED N	2750	2178	228
	MEAN	6.6841	3.6145	7.2693
	STAN. DEV.	4.6368	3.9234	2.0227
TOTAL SCORE RANGE				
0- 60	N	1106	298	66
	WEIGHTED N	97155	18041	6918
	MEAN	-0.0216	-0.3855	0.8477
	STAN. DEV.	5.2973	5.6229	5.8316

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
SAT -STEP II
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	NUMBER OF CASES WHITE
37- 48	-6.80	-1.29	5.51	BLACK	2.990	331	8	325
25- 36	-2.95	-0.22	2.74	BLACK	3.836	457	60	399
13- 24	0.04	1.78	1.75	WHITE	3.528	438	190	250
0- 12	3.61	6.68	3.07	WHITE	2.560	72	39	35
TOTAL SCORE RANGE								
0- 60	-0.39	-0.02	0.36	BLACK	1.034	1402	298	1106

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	NUMBER OF CASES WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 60	0.85	-0.02	0.87	SPANISH	1.272	1170	66	1106

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
SAT - SRA

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
73- 90	N	94	2	1
	WEIGHTED N	7823	80	85
	MEAN	-2.7119	-4.9037	3.6000
	STAN. DEV.	6.4910	5.8482	0.0000
55- 72	N	271	15	4
	WEIGHTED N	22327	716	408
	MEAN	-2.1373	-8.5334	1.3877
	STAN. DEV.	8.1329	5.5480	7.5942
37- 54	N	348	64	8
	WEIGHTED N	28484	2839	651
	MEAN	-0.9979	-3.9217	-1.7029
	STAN. DEV.	8.3052	9.9013	7.0140
19- 36	N	324	203	37
	WEIGHTED N	26797	8768	3642
	MEAN	1.1439	-1.4348	-0.0821
	STAN. DEV.	7.2317	6.7830	6.6617
0- 18	N	26	31	5
	WEIGHTED N	2437	1420	517
	MEAN	6.1007	3.4817	10.6023
	STAN. DEV.	5.2466	5.0027	7.5137
TOTAL SCORE RANGE				
0- 90	N	1063	315	55
	WEIGHTED N	87868	13823	5303
	MEAN	-0.5900	-1.8282	0.9327
	STAN. DEV.	7.9279	7.7434	7.5673

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
SAT - SRA
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
55- 72	-8.53	-2.14	6.40	BLACK	3.113	284	15	271
37- 54	-3.92	-1.00	2.92	BLACK	2.775	410	64	348
19- 36	-1.43	1.14	2.58	BLACK	3.719	525	203	324
0- 18	3.48	6.10	2.62	WHITE	1.271	55	31	26
TOTAL SCORE RANGE								
0- 90	-1.83	-0.59	1.24	BLACK	2.449	1376	315	1063

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
NOT COMPUTED BECAUSE OF SMALL NUMBER OF CASES								
TOTAL SCORE RANGE								
0- 90	0.93	-0.59	1.52	SPANISH	1.397	1116	55	1063

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
GMT - MAT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
77- 95	N	1196	36	11
	WEIGHTED N	114227	3735	1128
	MEAN	-1.6420	-2.1800	-4.6224
	STAN. DEV.	5.7007	5.6118	7.2986
58- 76	N	886	116	39
	WEIGHTED N	86021	9607	4080
	MEAN	-0.1291	-1.3396	0.4990
	STAN. DEV.	8.3012	7.6025	6.6891
39- 57	N	463	207	47
	WEIGHTED N	45472	15106	4233
	MEAN	0.5112	-0.8444	0.8223
	STAN. DEV.	10.2740	9.3743	10.0826
20- 38	N	208	301	36
	WEIGHTED N	20979	20966	3778
	MEAN	3.6424	2.1918	2.5809
	STAN. DEV.	9.0529	8.6587	8.8198
0- 19	N	8	33	2
	WEIGHTED N	831	2372	211
	MEAN	7.3947	7.3496	2.3773
	STAN. DEV.	8.3199	6.4089	2.8105
TOTAL SCORE RANGE				
0- 95	N	2761	693	135
	WEIGHTED N	267530	51786	13430
	MEAN	-0.3471	0.5719	0.7859
	STAN. DEV.	7.9313	8.7085	8.6916

GRADE 4

POST HCC COMPARISONS SUMMARY TABLE-TOTAL
GMT - MAT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
77- 95	-2.18	-1.64	0.54	BLACK	0.400	1230	36	1196
58- 76	-1.34	-0.13	1.21	BLACK	1.541	1000	116	886
39- 57	-0.84	0.51	1.36	BLACK	2.038	668	207	463
20- 38	2.19	3.64	1.45	WHITE	2.022	507	301	208
0- 19	7.35	7.39	0.05	WHITE	0.014	39	33	8
TOTAL SCORE RANGE								
0- 95	0.57	-0.35	0.92	BLACK	2.664	3452	693	2761

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
77- 95	-4.62	-1.64	2.98	SPANISH	1.237	1205	11	1196
58- 76	0.50	-0.13	0.63	SPANISH	0.483	923	39	886
39- 57	0.82	0.51	0.31	SPANISH	0.255	508	47	463
20- 38	2.58	3.64	1.06	WHITE	0.739	242	36	208
0- 19	2.38	7.39	5.02	WHITE	0.798	8	2	8
TOTAL SCORE RANGE								
0- 95	0.79	-0.35	1.13	SPANISH	1.583	2894	135	2761

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE

GRADE 4

DESCRIPTIVE STATISTICS SUMMARY TABLE-TOTAL
MAT - GMT

SCORE LEVEL		WHITE	BLACK	SPANISH SURNAME
85-105	N	133	0	1
	WEIGHTED N	12470	0	90
	MEAN	-4.4738	0.0	-3.4000
	STAN. DEV.	6.5996	0.0	0.0
64- 84	N	1045	41	8
	WEIGHTED N	99861	3992	800
	MEAN	-1.2038	-3.4990	-4.3336
	STAN. DEV.	7.1618	6.3426	4.7632
43- 63	N	1012	169	63
	WEIGHTED N	98555	13128	6329
	MEAN	1.1726	-2.0851	-1.3780
	STAN. DEV.	8.1948	7.5582	7.4306
22- 42	N	530	372	50
	WEIGHTED N	51873	26533	4725
	MEAN	2.4960	-0.3671	-0.7437
	STAN. DEV.	7.6387	6.6279	6.1051
0- 21	N	41	111	13
	WEIGHTED N	4771	8133	1486
	MEAN	6.0067	3.6130	7.0088
	STAN. DEV.	6.8701	5.9886	7.0520
TOTAL SCORE RANGE				
0-105	N	2761	693	135
	WEIGHTED N	267530	51786	13430
	MEAN	0.3652	-0.4190	-0.4164
	STAN. DEV.	7.8593	7.0507	7.3168

GRADE 4

POST HOC COMPARISONS SUMMARY TABLE-TOTAL
MAT - GMT
DUNNETT'S TEST OF SIGNIFICANCE OF DIFFERENCE BETWEEN MEANS

SCORE LEVEL	BLACK MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES BLACK	WHITE
64- 84	-3.50	-1.20	2.30	BLACK	1.929	1084	41	1045
43- 63	-2.09	1.17	3.26	BLACK	5.247	1179	169	1012
22- 42	-0.37	2.50	2.86	WHITE	5.665	900	372	530
0- 21	3.61	6.01	2.39	WHITE	1.753	150	111	41
TOTAL SCORE RANGE								
0-105	-0.42	0.37	0.78	BLACK	2.399	3452	693	2761

SCORE LEVEL	SPANISH MEAN	WHITE MEAN	ABSOLUTE DIFF.	GROUP*	T-TEST	DF	NUMBER OF CASES SPANISH	WHITE
64- 84	-4.33	-1.20	3.13	SPANISH	1.180	1051	8	1045
43- 63	-1.38	1.17	2.55	SPANISH	2.629	1073	63	1012
22- 42	-0.74	2.50	3.24	WHITE	2.931	578	50	530
0- 21	7.01	6.01	1.00	SPANISH	0.421	52	13	41
TOTAL SCORE RANGE								
0-105	-0.42	0.37	0.78	SPANISH	1.153	2894	135	2761

* DESIGNATES THE GROUP WITH THE LARGER MEAN IN ABSOLUTE VALUE